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NEXUS

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AUGUST - SEPTEMBER 1996

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the end of suppression?

The Pinay Circle:
Europe's secret elite

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don't tell you

White Powder Gold:
a modern miracle?

Brazil's ET Cover-up

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NEXUS

NEW TIMES MAGAZINE

Volume 3, Number 5 AUGUST - SEPTEMBER 1996

UK/Europe Edition

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NEXUS MAGAZINE

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AUGUST - SEPTEMBER 1996

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STATEMENT OF PURPOSE

NEXUS recognises that humanity is undergoing a massive transformation. With this in mind, NEXUS seeks to provide 'hard-to-get' information so as to assist people through these changes. NEXUS is not linked to any religious, philosophical or political ideology or organisation.

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Editorial

Feedback from NEXUS readers covers an extremely wide range of subjects and opinions, but it is 99.9% positive in its encouragement of our efforts to continue publishing. Whilst most feedback is in the form of letters and phone calls, we are also attracting a lot of response through our Internet Web Page, which has now registered well over 50,000 'hits' since November last year and represents nearly every country on the planet. A special hello to all those readers in Iceland!

The 1996 NEXUS Conference in Sydney was a huge success. Over 300 people came from as far away as Germany, UK, USA, Canada, Fiji and New Zealand and had a thoroughly good time.

During the Conference Discussion Panel on the Saturday night, a person stood up and commented on how NEXUS had literally 'blown his mind' when he first started reading it several years ago. He and many others vocalised that they felt NEXUS has provided them with information that 'totally shattered' their perceptions of reality and left them 'in shock', until a new perceptual framework of reality emerged in their lives. It was an interesting discussion, with someone even suggesting that NEXUS could 'help cushion the blow' with some sort of 'debriefing process' each issue.

I explained that for us to replace his 'shattered reality' with another viewpoint preferred by NEXUS, means that we would be robbing him of his own power to choose an alternative 'picture'. Sure, NEXUS is happy to point out reasons why people should think twice about trusting 'the system' and all its 'experts', but NEXUS will never tell you what is the 'right' way—because we don't know ourselves! I might point out here that while NEXUS has also published many positive alternatives, or solutions, to various problems, the power to make the choice of what to believe, what to do, etc., must be yours.

Regularly double-check everything you believe. If it is working for you (i.e., you are happy), then stick with it a while longer. If it is not working for you (i.e., you are not happy), then change what you believe. What is the point of maintaining a belief system that makes you miserable?

My joy in life is being able to bring readers of NEXUS into contact with ideas and information that empower them as individuals. Speaking of which, allow me to rave a while about the merits of various articles to be found in this issue.

The Hormone Heresy article last issue generated huge interest across the planet, so much so that we decided to continue it in this issue. This article is a classic example of information which can empower you.

The lecture by Alex Collier in our last issue also attracted enormous response. We received three letters commenting that it was total and utter crap, and 10 times as many saying it was the 'best big picture' they had read for a long time. This amazing tale of extraterrestrial and extradimensional adventure is taken up again this issue.

For the last few months we have been 'tracking' information on White Powder Gold which has been circulating various networks in the USA and Australia. It is an extraordinary story about an extraordinary set of substances. Please try to wade through the science as there are even more surprises in Part 2, next issue. You're sure to be hearing a lot more about this in the future.

As I type, the other 'big thing' making the rounds is the story of the 'alien' allegedly captured by the Brazilian military earlier this year. We've run a reprint of this press story in Twilight Zone.

'Til again, happy reading!

Duncan

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Letters to the Editor ...

British MoD UFO Admission

Dear Editor: I'm happy to tell NEXUS readers that, contrary to what was said in a recent article about UFOs (NEXUS April-May '96, vol. 3/03), I have not resigned from the Ministry of Defence. What actually happened was this: from 1991 to 1994 I investigated UFO sightings for the British Government, and handled policy on this fascinating subject. My brief was to evaluate the phenomenon, looking for any evidence of a threat to the defence of the United Kingdom. I started my tour of duty as a sceptic, but became convinced that a small percentage of UFOs were indeed extraterrestrial in origin.

In 1994 I was promoted and moved to other duties within the Department. But I felt that the UFO phenomenon was often being ignored by my colleagues because of personal prejudices stemming from the phrase "UFO", and decided to write a book to set the record straight. *Open Skies, Closed Minds*, which is to be published by Simon & Schuster in June, was not popular in certain quarters, not least because it exposes unauthorised penetrations of heavily defended airspace by structured craft of unknown origin, whose technology is considerably in advance of our own.

Be that as it may, I am still working at the Ministry of Defence—although I think it's safe to say that I'm off the Christmas card list!

Yours sincerely, Nick Pope,
London, England, UK.

Conspiracy Confusion

Dear Duncan: Being a regular reader of NEXUS Magazine, I consider myself more informed than the average Joe Blow when it comes to conspiracy theories of all varieties. The one that leaps to mind over the stupid, awful events at Port Arthur is the one about disarming the masses so they are unable to defend themselves against the evil NWO—this being accomplished by wiring some poor stooge and instructing him to do a stupid, awful thing so that the masses disarm themselves, or giving the stooge mind-altering psychiatric drugs to accomplish the same end.

I started thinking on this. What would happen if surfer boy came out and told the world that he was wired and instructed to do this stupid, awful thing, or that the drugs made him do it? People would naturally wonder where he got

such a ridiculous idea. The answer? Magazines like NEXUS, of course. These publications would then be in some 'deep doo-doo' for providing a simple, impressionable and mentally unstable young lad with an excuse to play out his wildest fantasies.

Here is where this line of thinking gets interesting. The public would naturally call for magazines like NEXUS to tone it down or get banned. This would happen whether or not the conspiracy thing was a reality. The end result? NEXUS would be gone and we still wouldn't have any proof one way or the other—just as semi-automatic weapons will soon be gone and we won't know whether this is because of the evil NWO or benign NSE (natural social evolution).

My own feeling is that semi-automatic weapons are not conducive to the dawning of a spiritually-aware new age. Further, I believe in taking the middle road when chaos lies to the left and the right.

Finally, I will state an observation. Inflexible (dare I say it, fanatical) people and organisations inevitably wind up painting themselves into a corner. I suppose what I'm saying is try not to let this happen to our beloved NEXUS.

Yours sincerely, Peter H.,
Queensland, Australia.

Mind Machines Minefield

Sirs/Madams: Wow! I am in the midst of perusing your magazine for the first time. Like I said, wow! I love it!

What I am wondering is how can I know which of the hypno-peripheral/acoustic-processing/state-altering/life-enriching/ability-activating mind machines is the one to go with?

Sincerely yours, Colin T., East Perth, Western Australia.

(Dear Colin: *The best mind-machine is still your own!* Ed.)

Electronic Persecution

Dear Mr Roads: I am doing something I have wanted to do for some time now: write to you. I have been a reader of NEXUS Magazine since its inception and look forward to each new issue reaching the booksellers here in Palmerston North, New Zealand. I see NEXUS being increasingly stocked by various retailers around the city, which is worthy praise for such a quality production as yours.

NEXUS has been a constant source of knowledge/linkage/hope

for me as I grapple with my personal experiences. The well-researched and presented articles on military malice and corporate greed, such as the one on HAARP and other such features on those who utilise advanced technological devices and methods to modify and manipulate environments, regions, groups and individuals, truly merit our gratitude.

I, for one, urge you and your staff to maintain the path you are on and the principles you demonstrate, as experience has taught me there are still too few systematic avenues available in print for people such as those whose voices are heard in your magazine. Sadly, for those who like silence or prefer to 'duck their heads in the sand', too many avenues prevail for them to do so with impunity.

Here in provincial Palmerston North I do not go to town much these days; instead, I remain close to home. However, yesterday I was in town attending to a few things. It was raining buckets as I headed back to my car. I had just switched on the ignition when it flashed through my mind to run across to the bookshop to see if your April-May issue had arrived. If you have ever read *The Celestine Prophecy*, then this was one of those coincidences the book speaks of!

I couldn't see NEXUS in the shop, so in consolation I picked up the latest *Time* magazine (which screamed a headline on the human brain as a machine...they wish!). Then, as I was about to pay, the assistant confirmed that NEXUS had just arrived. I stuck *Time* back on the shelf and obtained my rightful magazine. Once home, I tore off the brown-paper bag and scanned the cover: "Deadly Earth Rays" and "Ultra-tech Spying". I turned to the latter and began to read about the NSA and what they do to people. [See NEXUS 3/03.]

I read and re-read in horror and disgust, taking in the incredible yet totally believable content. Here it was: the truth, the cruel reality, the fearsome, invisible weaponry of those whose mandate it is to harass, manipulate, maim and suppress, all in the name of 'security' today.

Put simply, I wish you and your readers to know that, like Mr John St Clair Akwei, I have been a target for continuous electronic persecution for what feels like a lifetime (16 months now, I think). The horrible facts you carefully articulate, of remote neural monitoring

coupled with technological interference directly into the brain, began for me (as far as I am able to register consciously) in early October 1994 and have continued unabated into the present. In having to endure this, I am alone, terrorised, disempowered and hold little hope of fighting back. Thus I felt the tears form when I read of Mr Akwei because I know in detail how wretchedly he must have suffered while living within a supposed liberal democracy. Strange, though: as I read about his pending court action against his tormentors, hope was rekindled that something, just something, might be done.

Please keep your information link on the subject of modern electronic persecution and about Mr Akwei alive and flowing for others like me. Then maybe we can begin to turn the tide in favour of justice, against those who would secretly and surreptitiously smile as they kill.

Yours sincerely, Janine J.,
Palmerston North, New Zealand.

Doped Up and Defenceless?

Dear Editor: There is something very wrong and fearful about a government that is seriously considering legalising heroin whilst at the same time doing everything possible to prohibit private ownership of firearms.

The sick, pathetic excuse they use to cover up a government pushing drugs is called "a harm minimisation model". The dogooders and government flunkies chant, "People don't rob people, heroin robs people!", or "If heroin was not illegal, it would not kill!" Sound familiar? Both these arguments are the opposite to what is claimed by the anti-gunners. Both camps claim to be able to create a peaceful, loving society.

They want to turn this society into a defenceless mob of doped-up zombies. Just like sheep to the slaughter.

Yours faithfully, Michael K.,
Richmond, NSW, Australia.

Truth vs Propaganda

Dear Duncan: I think your magazine is great. You're doing a great service to mankind by getting this information out. How does your ego feel now?!

Seriously, it's great info. I've got a binder full of articles divided into categories. I fax here, send there. Hopefully, my efforts will enlighten others—then we'll all benefit.

You have stated before that you

... more Letters to the Editor

NB: Please keep letters to approx. 100-150 words in length. Ed.

have enough articles to publish once a month, but to do so would be a big step.

Then, if you only publish bi-monthly, why put in "An ET Perspective on Earth"? [NEXUS 3/04] It's totally untrue. I know. I'm from Omicron Ceti III. We're at war with the Andromedans, and the article is pure propaganda. Get the idea? Anyone with an imagination could write this. Please don't publish Part 2. You publish only bi-monthly; there *must* be better articles. Six pages x number of magazines = too many trees wasted.

Also, the article, "New Revelations on the Roswell UFO Crash": "A Friend" wants anonymity but gives so many details about himself that the NSA could figure who he is in less than two seconds: "My grandfather was a member of the crash retrieval team...died in 1974"; "I am passing through S.C. with an ORME...mail from the Charleston area"; "Neil Armstrong, a good friend of mine"—truth or crap?

Other than these oversights, keep up the fantastic work. You inspire others!

Paul S., Ajax, Ontario, Canada.

(Dear Paul: You are massively outvoted on the Alex Collier story, but your comments regarding the Roswell crash debris items are similar to my own. Ed.)

Ozone vs Chlorine

Sir: Chlorine, which is known a deadly gas and has been used in war to kill people, is being put into our water supplies here in the Colac area—which is unacceptable, unhealthy and plain stupidity. Chlorine causes side-effects and spins off trihalomethanes or chloroform which can inhibit certain bodily functions.

A healthy human body is around four-fifths water. Water is eight-ninths oxygen. So it is important what quality of water people drink. If you bathe in a liquid for 15 minutes, your body, through the pores, picks up as much of the liquid as if you would drink two litres of it. Chlorine should not be in our water, and I advocate that we take it out and then use a safe and natural alternative in ozone (O₃), which is a highly effective water purifier.

Moreover, what is in water that should not be there, ozone will eliminate.

Some international swimmers will not compete (swim) in a swimming pool that has chlorine

in it because they know that they can achieve better and faster times in a swimming pool treated with ozone. Ozone units can be fitted to homes, showers, baths and pools to purify water and to remove contaminants.

Pure ozone can also be used for medical purposes, too; keeping in mind, balanced amounts (therapeutic window). Dr Otto Warburg, who won the Nobel Prize in Medicine twice (1931 and 1944) discovered that cancer cannot grow in a high-oxygen environment. Also, Dr Warburg said that if you deprive a cell 60 per cent of its oxygen, it will turn cancerous.

Let us thank the Divine Creator for giving us oxygen.

Patrick K., Colac, Victoria, Australia (first published in *The Colac Herald*).

Free Nation, Free Energy?

Dear Duncan and NEXUS: First, the Waco massacre prompts lawmakers to ban assault weapons in the United States. Next, the Oklahoma bombing 'happens' and anti-terrorism legislature is rushed through Congress, fittingly on the anniversary of this unprecedented tragedy.

Being the trendsetters that we Americans are, another unstable, mind-raped individual is pushed to the breaking point in yet another allegedly democratic nation—this time, plaguing the fair shores of your beloved Australia. An assault weapons ban and registration of weapons under the public ownership is quickly on the heels of the worst singular mass murder in the country's history.

Surely these are merely coincidences and I'm letting my imagination drift into paranoia? What could any government possibly hope to gain by having a defenceless populace or by keeping strict records on the owners of weapons in a free nation?

Keep up the great work on informing folks about free-energy devices. With hundreds, perhaps thousands of innovative experimenters working in labs and garages around the world, this truth can't be suppressed for much longer. Thank you.

Kory K., Los Angeles, California, USA.

Cancer Cures & Conspiracies

Dear NEXUS: Excellent magazine! I bought one, then was forced to buy a large amount of back issues. Now I'm threatening

to subscribe! Many of your reports are to do with amazing cancer cures and conspiracies, new HIV research, and, my favourite, urine therapy. These are very, very interesting.

I would like to know more about urine therapy and the validity of the claims before I become a gullible sucker who drinks his own urine because of someone's twisted, imaginative sense of humour.

Also, if there are any researchers in England currently working in these fields who are reading this letter, could you drop me a line as I am seriously interested and will also pay for papers if needed!

If these therapies are so good, why aren't they used more? And if they are suppressed, why?

Being brought up in a shopkeeping family, I was brought up to be honest. I fail to see how therapies such as these could be held back, especially if they claim to save the lives they say they do. Most doctors train because they care and want to help people, so why hold back stuff that saves lives? I can understand bosses of big drug companies as they are fuelled by greed, and I can understand UFO silence by governments (just!). But this surely should be different!

Sorry to go on, but if it wasn't for people like you and your magazine, the world would be full of wrongly-taught puppets. Keep up the excellent work!

Yours sincerely,

Andy Leeman, 16 Lansdall Ave, Lea nr Gainsboro, Lincolnshire, DN21 5JL, England, UK.

(Dear Andy: So many questions, so few answers. There are a growing number of 'open-minded' doctors, however. Maybe you should talk to one of them. Ed.)

Strange Moments in Time

Dear Duncan: Please, please, somebody give me a clue as to what is happening to me. A while back, a few years ago whilst living in the Blue Mountains, one night I saw a 'pillow of light' rise from my lawn up past my window and over the roof. As I ran to see what it was, it was gone. During my time in this house, my home in the Blue Mountains, strange things were happening. All in all, it made me feel safer—almost invincible. I was very happy there.

One night I awoke hearing and feeling something running around my bed. My clock-radio was showing 12.24 am, and as I was trying to take a better look at a small, dark silhouette, it disap-

peared. I got out of bed, checked around the house, checked on the kids (my husband was on night shift as usual). After what seemed like 10 minutes I returned to bed to see that it was still 12.24 am. Feeling a little annoyed, as I rarely fall asleep as quickly after being woken, I watched the clock to see if it was working, and before the time changed I was asleep. The next morning I talked to my family about it who dismissed it as just a dream.

A week or so later I was woken up again by someone's house alarm. Upon rising out of the bed, it was 12.24 am. I walked towards my window, looked out and heard the alarm quite clearly but could not tell from where it was coming. I walked around the house, checked on the kids, and decided to get dressed, get a torch and go up the driveway with the dog to see whence the alarm was coming. As I stood there all alone in the night, there was no alarm to be heard. I shuddered at the thought of being silly enough to be there alone. Once back inside, I locked up and decided to go back to bed. It was still 12.24 am. It felt much longer but, feeling a touch annoyed, I was asleep before the time changed.

Next morning I was euphoric, feeling that this is something very strange. I tried to get information regarding this matter, but to no avail. Everyone thought I was just dreaming. I know that I wasn't.

Since then, a lot has happened but I cannot understand it all. I would very much like some enlightenment from persons who may have had similar experiences or from people who may know what this is all about and where it may lead. I want answers and I will not rest until I find them.

I started to read NEXUS—found it by accident on the newsagents' shelves about eight months ago. It is a wonderfully explorative publication which I give to my friends to read as a gift. I wish to conclude this letter by saying, "Excellent stuff!"; keep up the good work, and make it monthly as I cannot stand the long wait between publications.

Regards, Alis J., Blackmans Bay, Tasmania, Australia.

(Dear Alis: There are many people who contact us with similar stories. All feel there is no one and nowhere to go to, to seek an understanding of what is going on. Maybe one day this will all change. Ed.)

MASSIVE PESTICIDE TOXICITY INCREASE WITH TWO CHEMICALS PRESENT IN BODY

The June 1996 edition of *Science* magazine has published a new study showing that some combinations of hormone-disrupting chemicals are much more powerful than any of the individual chemicals on their own.

The study shows that combinations of two or three common pesticides, at low levels that might be found in the environment, are up to 1,600 times as powerful as any one individual pesticide by itself. One chemical, chlordane, has no ability in itself to disrupt hormones, but nevertheless greatly magnifies the ability of other chemicals to disrupt hormones.

A combination of such chemicals and vaccines is thought by many to be the cause of Gulf War Syndrome, which has now killed several thousand people since the end of the Gulf War.

The results of hormone-related imbalances in the body are discussed in more detail in the "Hormone Heresy" article in this latest issue of NEXUS.

(Source: *Green Left Weekly*, 3 July 1996)

GLOBAL TOBACCO SALES JUMP

Rising tobacco sales in less-industrialised countries have boosted the profits of tobacco giant BAT Industries which sold nearly 500 billion cigarettes worldwide during the first nine months of 1995.

Whilst cigarette consumption has fallen



by 10 per cent in industrialised countries, in less-industrialised countries it has risen 67 per cent!

Professor Peto of Oxford University predicts that, if current trends continue, smoking will cause 10 million deaths per year in 30 years' time. According to the trends, deaths in the industrialised world would rise from two million to three million deaths per year, whilst deaths in less-industrialised countries would rise from one million to seven million.

A BAT spokesperson dismissed as "fanatical" the suggestion that their company played any role in increasing tobacco usage.

(Sources: *British Medical Journal* [1995] 311:7016:1321; *Environment & Health News* [UK], Volume 1, Issue 4, February 1996)

NO COTS, NO DEATHS

A study from Birmingham, England, comparing white and Asian communities, has found that 30 per cent of white babies slept with their mothers, whilst in Asian families most (95 per cent) slept with their mothers. Cot death is virtually unheard of in Asia and other less-industrialised societies.

Jim McKenna, Professor of Anthropology at Pomona College, Claremont, California, points out that humans in westernised societies are the only mammals whose offspring sleep away from the mother. This is despite the fact that humans produce the most helpless and underdeveloped babies.

Prof. McKenna says that babies are meant to sleep next to their mothers so that they can breastfeed at will throughout the night. Being frequently woken by their mother's movements, he suggests, may be a part of their development that helps them wake automatically if their breathing stops.

Similar research in Hong Kong, where the incidence of cot death is 23 times lower than in the UK, echoes research which has found reduced cot-death rates in Chinese families. In both cases, mothers and babies nearly always slept together.

Researchers agree that parents who smoke in bed or drink heavily should not have their children sleep in bed with them.

(Source: *Environment & Health News* [UK], Volume 1, Issue 4, February 1996)

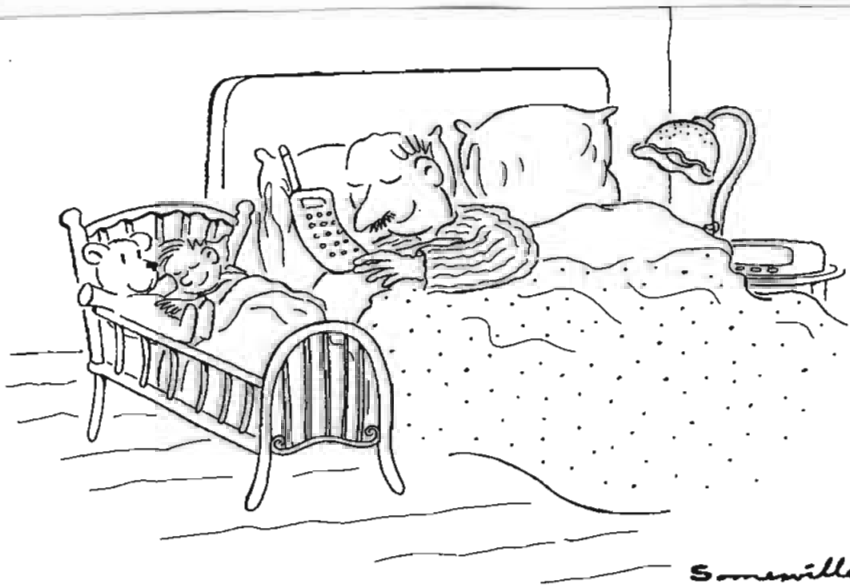
LUNAR POWER RIPPLES EARTH

The Moon generates more power inside the Earth than the output of all Britain's power stations put together, according to researchers at NASA's Goddard Space Flight Center in Maryland, USA. Using satellite measurements, they have calculated the effects of the constant stretching of the Earth by forces that also produce the ocean tides.

The effects of the gravitational pull of the Moon, and, less so, the Sun, are obvious in daily ocean tides. But the forces are also strong enough to distort the Earth itself.

The Moon creates a pair of bulges—typically about 30 centimetres high—on opposite sides of the Earth, and these ripple round the Earth each day as it rotates.

(Source: *New Scientist*, 15 June 1996)



EXPERIMENTAL VACCINES USED WITHOUT CONSENT ON KIDS

Last week, the Centers for Disease Control and Prevention (CDC) in Atlanta, Georgia, was forced to apologise to parents who, in 1989, were not informed that their children were given an experimental measles vaccine, known as the Edmonston-Zagreb (EZ) vaccine.

About 900 children were injected with the vaccine, which was not approved for use in the USA. Although the EZ vaccine is licensed for use in other countries, trials for its use in the USA were stopped in 1991 when it was found that a link existed between EZ and an increased death rate in baby girls.

(Source: *New Scientist*, 29 June 1996)

PESTICIDE USE AT AN ALL-TIME HIGH

Recent US Environmental Protection Agency (EPA) data document that US pesticide use reached an all-time high of 567 million kilograms in 1995. This is over twice as much as was used 30 years ago when Rachel Carson's *Silent Spring* was published (245 million kilograms in 1964).

The data were obtained and analysed by the Natural Resources Defense Council (NRDC) and US Public Interest Research Group (US PIRG).

The EPA draft document includes 1994 and 1995 figures for 30 chemicals, including acute toxins, suspected carcinogens and chemicals thought to disrupt the human hormone system. The data show that 557.9 million kilograms of pesticides were applied in 1994, representing a jump of more than 45 million kg from the previous year, with 567 million kg in 1995.

According to NRDC and PIRG, EPA draft data likely *understate* the true level of pesticides in the environment for several reasons. EPA figures include only 'active' ingredients, and do not include so-called 'inert' ingredients such as petroleum, benzene and other toxic compounds. These 'inert' chemicals can make up over 50 per cent of the volume of formulated pesticides.

In addition, EPA figures exclude non-conventional pesticide uses, such as wood preservatives and disinfectants, which the EPA has previously estimated at more than 450 million kg per year.

Taking these additional uses into consideration, the total US pesticide use in 1994-1995 is estimated at 998 million to 1,043 million kg per year.

One of the reasons given for this increase was that many pests are becoming resistant to pesticides and require further treatment.

(Source: *Green Left Weekly*, 19 June 1996)

IT STARTS AT BIRTH...

The UK Ministry of Agriculture caused an outrage in May this year when it refused to name nine brands of baby milk found to contain chemicals linked with declining sperm-levels and testicular abnormalities.

The row was sparked by a Ministry statement saying scientists had found phthalates—chemicals used to soften plastics—in certain brands of baby formula milk.

The Ministry refused to name the brands on the grounds that there was no proven risk of harm and that the information was "commercially sensitive".

(Source: *The Daily Telegraph* [UK], 27 May 1996)

ELECTRO-ZAPPING FOR HEALTH?

More and more people are 'zapping' themselves to get healthy. Whether it is one of the 'zappers' that comes in a neat case or whether it is a home-made 'zapper', people are swearing by them.

Zappers first came to the attention of NEXUS when we discovered them mentioned favourably in Dr Hulda Clark's most recent book (see NEXUS 3/1 Reviews; also 2/22 and 2/23). Most zappers seem to operate with a square-wave output at a frequency around 29kHz and an amplitude of 9V. They are usually powered by a 9V DC battery.

We notice that people with colds and flu, parasites and *Candida*, to name but a few, are all reporting amazing results.

We also learn that a growing number of farmers are zapping themselves to cure illnesses such as Ross River virus, by using their electric fences! It all started when a farmer in Bunbury, in southwest Western Australia, was accidentally pinned by a young bull against a 7,500-volt electric fence. The farmer had contracted Ross River virus several months earlier, as confirmed by blood tests, but his symptoms have disappeared since his encounter with the fence.

Two weeks later, a workmate, also diagnosed with Ross River virus, decided to try the same treatment. His symptoms have also disappeared!

(Source: *The West*, 6 June 1996)

CYBER-SQUAD VERSUS THE CYBER-TERRORISTS

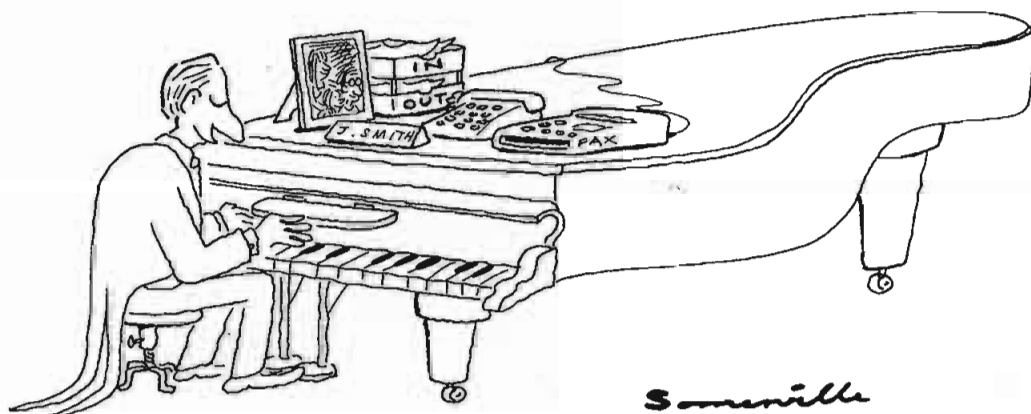
Rumours are growing about gangs of cyber-criminals who are using computer networks worldwide to commit unspeakable deeds.

For instance, a special report by *The Sunday Times* (UK) reveals that major financial institutions in the City of London have paid huge sums to sophisticated "cyber-terrorists" who have threatened to wipe out their computer systems.

The report also indicates that banks, broking firms and investment houses in the USA have secretly paid ransoms to prevent costly computer meltdowns and a collapse in confidence among their customers.

The *Sunday Times* article claims that British and US agencies are examining more than 40 "attacks" on financial institutions in New York, London and other European banking centres since 1993.

These victims have paid up to £13 million a time, after the blackmailers demonstrated their ability to bring trading to a halt using advanced "information warfare" tech-



... GLOBAL NEWS ...

niques learnt from the military.

According to the US National Security Agency (NSA), these cyber-criminals have penetrated computer systems using "logic bombs" (coded devices that can be remotely detonated), electromagnetic pulses, and "high-emission radio frequency guns" which blow a devastating electronic 'wind' through the system.

They have also left encrypted threats at the highest security levels, reading: "Now do you believe we can destroy your computers?"

Not only have the financial institutions been targeted; the US has announced plans to establish a crack squad to deter and locate cyber-terrorists who successfully hacked into Pentagon computer systems last year.

The US General Accounting Office reports that every year there are an estimated 250,000 attempts to gain unauthorised access to military computers. An unknown number of these attempts are successful.

Even more intriguing are the reports scattered across the Internet claiming that one group of cyber-terrorists is comprised of disgruntled employees from within the intelligence community. It is claimed that various US senators, congressmen, military figures, public service officials and other high-profile individuals have been targeted with threats of revealing sensitive 'personal' information about them.

It is claimed that the targets of this particular group of cyber-terrorists are public officials who are or have been involved in major corruption, i.e., drug-money laundering, bribery, etc.

What is also interesting, though, is the

number of senior figures in US military and political circles who have suddenly "retired", "resigned" or "disappeared" over the last few months.

(Sources: *New Scientist*, 1 June 1996; *The Australian*, 4 June 1996, 18 June 1996, 27 June 1996)

THE CODEX INTERNATIONAL THREAT TO HEALTH FREEDOM

The German delegate to the joint UN/WHO *Codex Alimentarius* Commission has made the draconian proposal that consumer access to dietary supplements be limited to the RDA dosage as a maximum limit for vitamins (C, 60 mg; E, 15 mg, etc). Supplements that don't have an RDA (such as coenzyme Q-10, trace minerals and amino acids) would be illegal to sell as foods. They would all become drugs.

In October 1996, the World Trade Organisation will vote on whether or not to adopt the harsh German proposal. If accepted and enforced, it would create an intolerable regulatory climate very similar to that existing in Norway, where the health food industry is in the process of literally being taken over by drug companies.

In Norway, vitamin C above 200 mg is illegal. Very few herbal products remain on the shelves of what's left of the health food stores in Norway. You can't get vitamin E above 45 IU, more than 2.4 mg of vitamin B1 or more than the infinitesimal 4.2 mg of B6 in Norway.

The New World Order wants to reduce supplement availability worldwide in this same fashion, using the World Trade Organisation as a weapon to impose trade

sanctions on any nation that does not get into line.

Unless consumers of dietary supplements unite worldwide, it is unlikely that health freedom will survive over the course of the next five years, as the multinational corporations and drug companies which dominate the *Codex* Commission have devised a scheme through the GATT treaty to make an end-run around US 'sovereignty' in a determined effort to consolidate their power.

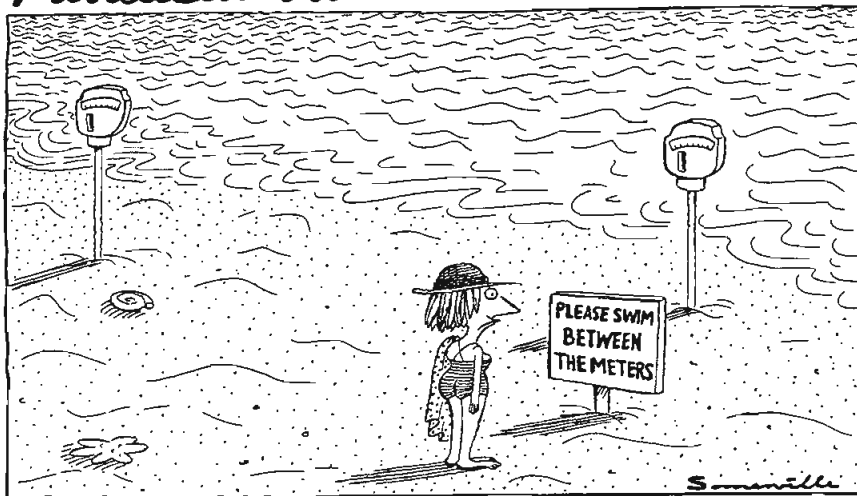
Thus far, voting within the *Codex* Commission's Committee on Nutrition and Foods for Special Dietary Use has gone 16-2, and 10-1 in favour of the German proposal, with only the US and UK taking a stand against it. (The US and UK are the world's two largest manufacturers of dietary supplements.)

On 29th April, Reuters news service published an article entitled, "US Disappointed in Appeal of WTO Gasoline Ruling". In this ruling, the United States is being forced by the WTO to make changes to its *Clean Air Act* because an appellate body of the WTO in Geneva found that US clean-air gasoline rules discriminate against imports from Venezuela and Brazil.

This is the first time the WTO has imposed a ruling on the United States, and on the now-powerless group, Congress. Vitamin consumers had better take note because, if the WTO can force changes to the US *Clean Air Act*, they can force acceptance of a WTO ruling on dietary supplements, even if it contradicts US law!

(For further details: *The Life Extension Foundation*, 1534 Polk St, Hollywood, FL 33020, USA. Internet web page address: <http://www.lef.org/lef/index.html>)

Privatised beaches



CLINTON CORRUPTION

Those stories of sex, drugs and money-laundering involving President Bill Clinton just won't go away; in fact, they're getting worse.

A former FBI agent assigned to the White House describes in a new book how President Clinton slips past his Secret Service detail in the dead of night, hides under a blanket in the back of a dark-coloured sedan and trysts with a woman, possibly a celebrity, at the the J.W. Marriott Hotel in downtown Washington.

Mr Aldrich, a 30-year FBI veteran who spent nearly three years inside the Clinton White House as a permanent member of the two-man FBI post, makes several other astonishing disclosures in his book, *Unlimited Access: An FBI Agent Inside the*

Clinton White House, including:

- White House employees watched several Clinton staffers—both men and women—having homosexual sexual relations in offices and showers at the White House.

- In what Mr Aldrich argues is in violation of the Constitution, Hillary Rodham Clinton has assumed presidential authority over several offices, including those of the White House Counsel, the Chief of Staff and Personnel.

- The Clintons dismantled the existing security system in the White House, "stonewalling" attempts by the FBI to conduct background checks and allowing employees with no security clearance unfettered—and unmonitored—access to classified material.

- Dem. Craig Livingstone, the head of White House personnel security, now at the centre of an investigation into why the White House reviewed more than 700 FBI background files, was hired because, as former White House Associate Counsel William Held Kennedy III told the author, "Hillary wants him."

Writes Mr Aldrich, who says he took early retirement from the FBI to get out of the White House: "I left the Clinton White House thinking I'd spent more than two years back on the streets, fighting a new mafia—this one from Arkansas."

He said he wrote the book—begun after his departure from the White House in the summer of 1995 and completed that December—because he "thought the American people had a right to know about it" and "my conscience compelled me to write this book".

On a separate matter, two of President Clinton's former business associates, along with Governor Jim Guy in Arkansas, were convicted in early June of fraud and conspiracy centred around a complex loan-swapping—or, according to some, money-laundering scheme.

Hillary Clinton has also come under fire for her complicity in Whitewater, and her involvement in a top-level cover-up after the murder/suicide of Vincent Foster. She faces the possibility of criminal charges.

More recently, President Clinton has put on hold a sexual harassment lawsuit against him by Ms Paula Jones, which could have forced a medical examination of his genitals.

(Sources: *The Washington Times*, 28-30 June 1996; *The Guardian Weekly*, 9 June 1996; *The Australian*, 26 June 1996)

THE ARKANSAS/OKLAHOMA BOMB CONNECTION

The Identity of John Doe II Revealed

Who bombed the Federal building in Oklahoma City in April 1995? There is little doubt that Tim McVeigh, currently under arrest, was involved. Neither he nor his lawyer has strenuously denied it. But it is also clear that there were more people involved, people who are walking around free today, people whom the Federal government seem curiously disinterested in arresting.

Two Oklahoma residents, Glenn and Kathy Wilburn, who lost their grandchildren, have done the work the FBI would not do and identified the John Doe II who was seen renting the Ryder truck with McVeigh. His name is Michael Brescia, a former university student from Philadelphia.

Switching the crime scene for a moment from Oklahoma to Arkansas, the Arkansas State Police last week announced that the badly decomposed bodies of William Mueller, his wife and daughter had been found in a bayou in Pope County, Arkansas. The family had been missing since January. It turns out that there is a connection between Mueller and Brescia, and it leads from Arkansas to Timothy McVeigh and the Oklahoma bombing.

Mueller's home was burgled in early 1995. Mueller told friends that he may have known who took US\$50,000 in gold and silver bullion, coins, guns and gun parts in early 1995. He feared they would return and kill him. The burglary took place just two months after another gun burglary in Arkansas in which similar items, later linked to the bombing in Oklahoma, were taken. Michael Fortier of Kingman, Arizona, has pleaded guilty to selling guns from the Arkansas burglary to a Kingman pawn shop. Fortier says he did so under instructions from Tim McVeigh.

At a gun show in Fort Smith, Arkansas, Mueller had met a man by the name of Andreas Strassmeir. Strassmeir, a former intelligence officer of the German Army, has been living at Elohim City, a religious cult base in Oklahoma, where he received a call from Tim McVeigh a few days before the Oklahoma bombing.

This is where Brescia fits into the picture. He shared a house with Strassmeir at Elohim City. Both Strassmeir and Brescia appear to be government informants tasked to infiltrate the patriot/survivalist communities. They were expelled from Elohim City in the summer of 1995 for "stirring up things". Brescia went on to stay with George Eaton, publisher of a patriot newsletter, who was also a good friend of the Mueller family that was found dead last week. Strassmeir will be named a "US Federal informant with material knowledge of the bombing" in a lawsuit to be filed by the Wilburns who lost their grandchildren.

And now to the crucial question: Where was Brescia on the day of the Oklahoma bombing? "He was in Little Rock," claims Strassmeir, interviewed by the *London Telegraph* in Germany earlier this year.

If Strassmeir and Brescia are both government informants, it would explain the lack of interest the FBI has shown in these two men. It is the Wilburns and McVeigh's lawyer who have been pursuing the Elohim City connection. In fact, the FBI appears to have been outright hostile to witnesses who claim to have seen McVeigh and Brescia together. Connie Smith told the *London Telegraph*: "I kept telling them that the man in the [John Doe II] sketch was that Mike guy, a nice-looking guy, dark-skinned. But the FBI made me feel guilty, then ignorant, as if I didn't know what I was saying. Then later, I tried to call in with more information and they wouldn't even talk to me."

This is beginning to sound like the FBI investigation of the death of Vince Foster, where witness Patrick Knowlton has told *The Washington Weekly* of similar harassment and falsification of evidence by the FBI.

It is clear that since the firing of FBI Director William Sessions the day before Foster died in 1993, the FBI has been turned into a purely political instrument. What political interest is there in covering up the Strassmeir/Brescia connection to the Oklahoma bombing? It is quite simple. If they were government informants, the government had advance knowledge of the Oklahoma bombing and could have stopped it. Such a revelation would likely topple the Washington Establishment.

That may be the reason why Brescia is still walking free, the FBI is intimidating witnesses, only the foreign press is covering the lawsuit by the Wilburns, and people who know too much are found dead in Arkansas bayous.

(Source: *The Washington Weekly*, 8 July 1996 [<http://www.federal.com/>])

The Pinay Circle

An Invisible Power Network

*This
clandestine
circle may
have ousted
several
democratic
governments
since the early
1970s.
What's on its
agenda now?*

by David G. Guyatt

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Perhaps more sinister and certainly more shadowy than the Bilderbergers, the Pinay Circle is an 'Atlanticist' right-wing organisation of serving and retired intelligence operatives, military officers and politicians who have conspired to "effect" changes in government. Amongst other things, it claims credit for engineering the election of Margaret Thatcher in the UK and may have been behind the ousting of Australia's Gough Whitlam.

Now almost forgotten, the decade of the '70s was a time of immense political upheaval, dirty tricks and incessant rumours of right-wing military *coup d'états* in leading Western democracies. Amongst the long list of resulting casualties of this 'decade of tension' were Britain's Prime Ministers Harold Wilson and Ted Heath, Australia's Gough Whitlam, Sweden's Olaf Palme, America's Jimmy Carter and France's François Mitterand. The more southern flanks of NATO's European axis—Portugal, Spain, Turkey and Greece—converted rumour into chilling fact via the steel-blue glaze of gun-barrels. Italy, home of Pizza, the Pope and *Propaganda Due* (P2), came in for its own brand of political fixit, courtesy of Uncle Sam's very own CIA.

As the decade of the '80s slowly slipped above the now less-than-pink eastern horizon, right-wing beneficiaries of a coordinated international destabilisation programme gave their heartfelt thanks. Among them were Britain's Iron Lady, Margaret Thatcher—Madonna of the armaments industry—and America's less brittle, and considerably less acute Ronald Reagan—humble originator of the mega-tax-buck-swallowing SDI "Star Wars" programme and also, thus, a valued friend of the boys at Guns-R-Us International.

These two decades saw a proliferation of right-wing, quasi-official and secretive groups that coordinated intelligence and propaganda and undertook covert 'black' operations around the globe. One of the most shadowy of all is the Pinay Circle, named after its founder, Antoine Pinay, Premier of France in 1951. Known more simply as *Le Cercle* ("The Circle"), it is recognised as a more clandestine sister organisation to the already very secretive Bilderberg Group¹—a "behind-the-scenes 'invisible' influence" network.² Both groups share a familiar membership which includes Henry Kissinger, Zbigniew Brzezinski and David Rockefeller. Each of these three luminaries of the international power network is, in addition to the foregoing, an influential member of the Trilateral Commission and the Council on Foreign Relations as well as being a regular attendee at Britain's Chatham House—the Royal Institute for International Affairs (RIIA)—shadowy twin to America's CFR.

Antoine Pinay was extremely influential in Europe and in the United States where he had forged links with President Nixon. Pinay attended the inaugural Bilderberg meeting in Oosterbeek, Holland, in May 1954. By 1969, Pinay, together with Jean Violet, a lawyer working for the French intelligence service SDECE, and Archduke Otto von Hapsburg, heir to the Austrian throne, formed *Le Cercle* and secretly began recruiting men of influence as members.³ The intention was to shift the political climate of Europe to the far right via a secretly financed campaign of propaganda and to establish a private intelligence service that would work, unofficially, with the existing security apparatus of the West. Author Stephen Dorril believes there are serpentine interconnections between *Le Cercle* and the *Gladio* network, a "stay-behind anti-Communist"⁴ military guerrilla force set up by NATO's Supreme Headquarters Allied Powers Europe (SHAPE) during the '50s and which was largely composed of ex-Nazis.

Le Cercle has a different flavour to Bilderberg, however. The latter is an important link to the 'overt influence' organisations cited above and almost certainly focusses its efforts

on the broader political issues, being careful to keep well away from 'direct actions'. *Le Cercle* has a much more 'hands-on' role. Interestingly, its membership is more heavily composed of serving or former members of various intelligence services, senior military officers as well as politicians, bankers and VIPs with right-wing connections. *Le Cercle* was unknown until 1,500 internal documents of the rightist (and *Cercle*-funded) Institute for the Study of Conflict were leaked to *Time Out* magazine in 1975. Subsequently, the documents have gone missing. At the time, the ISC was headed by CIA agent and *Cercle* Chairman, Brian Crozier, who was heavily involved in another covert action group known simply as "The 61".⁵

Unknown to Crozier, Hans von Machtenburg (a pseudonym), a senior intelligence official of Germany's intelligence service, BND, and a member of Crozier's "61", had been exchanging full reports on Crozier's secret get-togethers with Hans Langemann, formerly a senior-ranking officer of Germany's BND and latterly head of Bavarian State Security.

In a fit of depression, Langemann blew the whistle on a number of alarming and sinister conspiracies to the left-wing German glossy magazine *Kronket*. Soon the story was picked up and featured by *Der Spiegel*. One of Langemann's more sensational reports, dated 1979, states:

Specific aims within this framework are to effect a change of government

(a) in the United Kingdom—accomplished

***Le Cercle* has intimate connections with a host of interlocking right-wing outfits including Heritage Foundation, Freedom Association, Bilderbergers, Propaganda Due (P2), Opus Dei, the Moonies and the Jonathan Institute.**

(b) in West Germany—to defend freedom of trade and of movement and to oppose all forms of subversion including terrorism.⁶

In another secret memorandum dated 8th November 1979 and addressed "Personal, for the state minister only", Langemann notes that "Crozier worked with the CIA for years." He concludes, therefore, "that they are fully aware of his activities", and goes on to observe that Crozier "has extensive connections with members, or, more accurately, former members of the most impor-

tant western security and intelligence services". Further on he advises that Crozier, together with "Dickie" Franks, Director of Britain's SIS, and Nicholas Elliott, a senior department head in MI6, "were recently invited to Chequers (the country home of the incumbent Prime Minister; in this case, Margaret Thatcher) for a working meeting." Langemann continues: "It must therefore be concluded that MI6 is fully aware of, if not indeed one of the main sponsors of" Crozier's "diverse circle of friends in international politics."

Additional subjects covered in the Langemann papers include the "involvement of the main intelligence and security agencies both as information sources and as recipients for information in these institutions", as well as "undercover financial transactions for political aims" that would be utilised by conducting "international campaigns aiming to discredit hostile personalities or events", the "creation of a (private) intelligence service specialising according to a selective point of view", and the "establishment of offices under suitable cover, each run by a coordinator from the central office. Current plans cover London, Washington, Paris, Munich and Madrid." The plans also called for "provision of contributions by certain well-known journalists in Britain, the US and other countries" and the organisation of "public demonstrations in particular areas on themes to be decided and selected."⁷

Le Cercle and its Chairman, Crozier, clearly had lined up a whole strategy of political 'actions' that were not only known about, but approved by the Western intelligence community in addition to leading political figures, including Prime Minister Thatcher and US presidential candidate Reagan.

In his autobiography, Crozier regales us with his repeat visits to the White House to meet senior administration figures. In 1980 he flew to California to meet Reagan and "brief him" on his network and offer his services when he became President. Crozier stayed in close touch during the election with William Casey, Reagan's campaign chief who was later appointed DCI of the Central Intelligence Agency. After Reagan's election victory he appointed Californian friend William A. Wilson to act as his liaison with *Le Cercle* and the related "61" group.⁸

Le Cercle has intimate connections with a host of interlocking right-wing outfits including WACL, the Heritage Foundation, Western Goals, ISC, Freedom Association, Interdoc, the Bilderbergers, Italy's *Propaganda Due* (P2), *Opus Dei*, the Moonies and the Jonathan Institute. Many of these are funded fully or in part by the American Central Intelligence Agency. Members have included Nicholas Elliott (British SIS/MI6 dept. head), the CIA's (ex) Director of Central Intelligence, William Colby, Colonel Botta



The 1975 dismissal of Australia's Prime Minister, Gough Whitlam (left), may have been engineered by operatives within the Pinay Circle.

(Swiss military intelligence), Franz Josef Strauss (German Defence Minister, head of the CSU party and Bavarian Premier), Alfredo Sanchez Bella (head of European Operations for Spain's Secret Service and closely connected to *Opus Dei*), Giulio Andreotti (former Italian Prime Minister, P2 member and Mafia confidant), General Antonio de Spínola (head of the Portuguese putschists), Silva Munoz (former Franco minister and senior *Opus Dei* member), Monsignore Brunello (Vatican prelate and BNG agent), and Stefano della Chiaie (leading member of P2 and Italy's Secret Service, SID).⁹ This list is by no means complete.

Another major aim of The Circle was to influence West German elections to ensure that Franz Joseph Strauss, the ultra-right-wing leader of the Christian Social Union Party, became Chancellor of Germany. In the event, Strauss was defeated, due, it is believed, to effective countermeasures taken by Germany's security and intelligence apparatus, the BND and BfV, whose "operational chiefs do not follow his political lines".¹⁰

However, despite this setback, other projects were more successful. During *Le Cercle*'s meeting held on 28th to 29th June 1980 in Zürich, Switzerland, discussions were focussed around "a series of appropriate measures to promote the electoral campaign of Presidential candidate Reagan against Carter. Elliott reported that, in this context, positive contact had been made with George Bush as well."¹¹

Journalist David Teacher, a keen investigator of *Cercle* activities, observes: "It is becoming more and more apparent that the treatment reserved for Harold Wilson at the hands of the intelligence services was only the UK end of an international phenomenon. Around 1973-75 a surprising number of governments were targeted by their own (or others') intelligence agencies because of their radical policies."¹² He goes on to list a number of known "destabilisation" programmes in which *Le Cercle* is known, or believed, to have been involved:

- the UK: the concerted efforts by elements in the British intelligence and security services, with CIA and BOSS¹³, to bring down Wilson, Thorpe and Heath
- the USA: the CIA's *Operation Chaos*, the FBI's *Cointelpro* programme and, of course, Watergate
- Australia: the loans scandal and other destabilisation of Gough Whitlam by the CIA and SIS

An additional *Cercle* target may have been Olaf Palme, Sweden's Prime Minister. In 1987, the leading Swedish newspaper *Dagens Nyheter* carried a

sensational story that the O3 section of the Swedish intelligence service, SAPO, was heavily involved in Palme's assassination, following their fury at his policy of *détente* towards the Soviet Union and possibly fearful that he might discover the extent of their implication in arms sales to Iran.

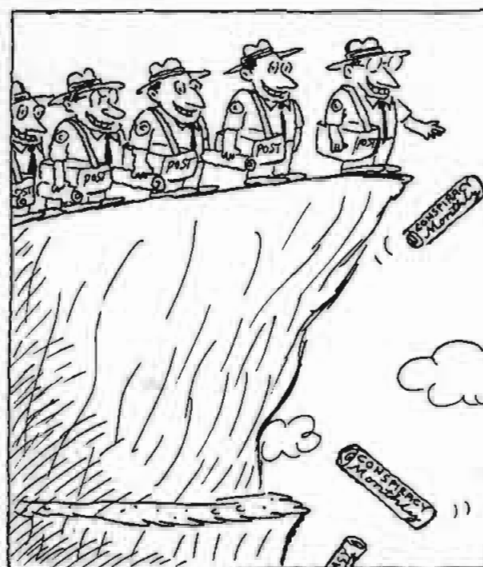
Other 'direct actions' possibly include a *coup d'état* in Belgium during 1973, "planned by *gendarmérie* officers and extreme-right-wing groups". By no means least were the allegations by France's leading daily, *Le Monde*, which, in 1978, revealed the activities of *Cercle* member and head of the SDECE intelligence service,

Alexandre de Marenches. *Le Monde* claimed that de Marenches led a domestic campaign of terrorism and disinformation.¹⁴ It is fairly apparent that these activities were, "designedly", to keep François Mitterand from office during the 1974 elections. However, with the exception of the Langemann papers and an ISC memo published in *Lobster* 17, there are no other *Cercle* documents available to confirm these allegations.

Despite a strong focus on European issues, the Pinay Circle was not unaware of the significance of establishing psyops 'action centres' in North America. In 1975, the Washington Institute for the

Study of Conflict (WISC) was launched under the chairmanship of George Ball. Characteristically, Ball, one-time Senior Managing Director of the enormous Wall Street international investment bank, Lehman Brothers, and Under Secretary of State (1961-66), was a member of the Trilateral Commission, on the Steering Committee of the Bilderberg Group, and a member of the Council on Foreign Relations. His association with the WISC marks him as a close friend of *Le Cercle*. Others members of the WISC committee were Zbigniew Brzezinski and Kermit (not the frog) Roosevelt of the CIA. Four years later, in 1979, Maurice Tugwell, former head of Information Policy, a 'black propaganda' unit set up by British military intelligence in Northern Ireland, formed the Canadian Centre for Conflict Studies. The CCS largely operates on contract work for the Royal Canadian Mounted Police (RCMP) and the Canadian Department of National Defence, plus others.¹⁵

Despite a strong focus on European issues, the Pinay Circle was not unaware of the significance of establishing psyops 'action centres' in North America.



Somerhill

We have seen that one aim of the Pinay Circle was to aid in the election of President Reagan. Presumably they can also cite this aim as being "accomplished". Their close connection to George Bush may also have extended to helping in his drive to election victory. Canada, too, veered sharply to the right during the '80s.

We may never know the true extent to which *Le Cercle* and its black psyops 'fronts'—the ISC, WISC, CCS and others—'effected' a wholesale change of government in Europe, North America and elsewhere.

Clearly, the decade of the '80s witnessed a marked shift to the political right in the Western democratic arena. It would be stretching credulity to suggest that this rapid swing in political ideology took place accidentally. It is also abundantly obvious that The Circle's primary influence resided in its top-level connections to the shadowy intelligence apparatus of the West. At the same time it possessed serious clout inside the sinews of transatlantic power that repose in the Council on Foreign Relations, the Royal Institute for International Affairs, the Trilateral Commission and the Bilderberg Group.

The foregoing outline, slim as it is, serves not only to underscore the inherent and potential weaknesses that reside in the institution of representative democracy, but also demonstrates the 'will-o'-the-wisp' nature of covert activities that hide comfortably behind the public face of government.

That a small handful of influential men across the planet may be able to manipulate 'free' elections to suit their personal and ideological advantage is not a new concept. Generally, utterances of this sort are met by the blanket rejection, "Conspiracy theory!", and discarded out of hand. Such rebuffs rarely take into account the underlying evidence, fragmentary as it is. Perhaps they are not meant to.

Despite the wholesale collapse of the Soviet bloc, the Pinay

We may never know the true extent to which *Le Cercle* and its black psyops 'fronts'—the ISC, WISC, CCS and others—'effected' a wholesale change of government in Europe, North America and elsewhere.

Circle has not packed up its victorious bags; nor have its members disbanded. Attendees at the 1990 *Cercle* meeting at the sumptuous *Al Bustan* Hotel, Muscat, in Oman, included Jonathan Aitken (Minister of Defence Procurement), Alan Clark (Minister of State for Defence), Lord Julian Amery (Joint Chairman), Sheikh Qaboos (ruler of Oman), General Norman Schwarzkopf (the bear-like Commander of the Allied Forces in the Gulf), Paul Channon (former Secretary of State at the Department of Trade and Industry), the head of the Dutch Secret Service, an unnamed French Naval Admiral, plus other serving or former intelligence operatives and VIPs.¹⁶

Aitken, Clark and Channon have all been heavily implicated in the arms-to-Iraq affair examined by Sir Richard Scott. Significantly, Alan Clark revealed in his hugely successful *Diaries* that *Le Cercle* was funded by the Central Intelligence Agency.¹⁷

With its apparent *raison d'être* (anti-Communist psyops) clearly in tatters, one can only suppose that there is (or, perhaps, always was) an additional hidden agenda lurking behind *Cercle* activities. To understand what this may be, one must

look further ahead.

An increasing international focus is the call for 'minimalist' government. This has always been a central plank of *laissez-faire* economics. Deregulation, the freeing of government-imposed constraints on international business to engage in activities as it sees fit, is a long-term and obvious objective. If history is any judge, the attainment of this singular goal may usher in a new dark age of unrestrained capitalism, coordinated by the gargantuan transnational corporations—all of whom are heavily represented on the membership rolls of the CRF, the Trilats, the RIIA, Bilderbergers, etc.

In the meantime, a new millennium awaits...

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Endnotes

1. Stephen Dorril's *Lobster* 26, UK, 1993.
2. Eringer, Robert, *The Global Manipulators*, Pentacle Books, Bristol, UK, 1980.
3. Brian Crozier, in his book, *Free Agent*, confirms that he was an erstwhile "Chairman" between 1971 and 1985 but disputes that there was a membership in the "formal sense". In his words, it was an "informal group of broadly like-minded people". Make of this what you will. The word "insignificant" immediately jumps to my mind.
4. Telephone conversation with this writer. See Stephen Dorril's *The Silent Conspiracy*, Mandarin, 1993, p. 438.
5. Crozier, Brian, *Free Agent: The Unseen War, 1941-1991*, HarperCollins, London, 1993.
6. Ramsay, Robin, "Brian Crozier, the Pinay Circle and James Goldsmith", *Lobster* 17, UK, November 1988.
7. *Ibid.*
8. Crozier, *Free Agent*, pp. 178-186.
9. Teacher, David, "The Pinay Circle and Destabilisation in Europe", *Lobster* 18, UK, October 1989.
10. Ramsay, *Lobster* 17, *ibid.*
11. Teacher, *Lobster* 18, *ibid.*
12. *Ibid.*
13. BOSS = South Africa's Bureau of State Security. Jeremy Thorpe was leader of the British Liberal Party until forced into resignation. See Stephen Dorril's and Robin Ramsay's *Smear!* (Fourth Estate Ltd, UK, 1991) for a full account of the British campaign of destabilisation.

14. Teacher, *Lobster* 18, *ibid.*

15. Stephen Dorril's *Lobster* 26.

16. Clark, Alan, *Diaries*, Phoenix Books, London, 1994.

17. *Ibid.*, pp. 369-374.

About the Author:

David Guyatt was born and educated in Hampshire, England. His career in the stockbroking, investment and banking industries spanned 28 years, the last 12 of which he spent as a director and treasurer of a major British bank. There he gained insight into the world of international weapons financing and was familiar with all aspects of international capital, foreign exchange and money markets, with global trade finance his specialisation.

For the last five years, David has pursued a career as a freelance writer/researcher, contributing to a number of screenplays, novels, documentaries and feature articles. He is currently researching high-tech, anti-personnel, electromagnetic weapons systems and their focus within 'black' mind-control/behaviour-modification programmes in the military and intelligence communities.

His other in-depth research project at present centres on the structure, power and hidden influence of elitist groups and inter-linking tax-exempt foundations, including RIIA (Chatham House), Council on Foreign Relations, Trilateralists, Bilderbergers, the shadowy *Le Cercle*, the Rockefellers, Brothers Fund, Ford, Carnegie, Hoover, IMF, World Bank (*ad nauseum*)...

MARIJUANA

A Medicinal Marvel?

Cannabis, or marijuana, has proven medical benefits and few, if any, toxic side-effects.

Why, then, has it been a prohibited medicine for over fifty years?

Dr Lester Grinspoon

interviewed by

Jana Ray © 1996

c/- B.C. Anti-Prohibition League

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Medicinal cannabis, also known as medical marijuana, is beginning to receive attention worldwide. Unfortunately, scare tactics and misinformation surrounding the international 'war on drugs' continue to dominate in the political and medical arenas, leaving many unwilling or unable to think for themselves. Despite this, more people are discovering the ability of marijuana, or cannabis, to relieve symptoms surrounding many medical conditions.

One of the pioneers of medicinal cannabis research is Dr Lester Grinspoon, a professor at Harvard Medical School. In the last 30 years Dr Grinspoon has researched and written many articles along with two books on the cannabis controversy. *Marihuana Reconsidered* and *Marihuana, The Forbidden Medicine* introduced many to the positive uses and benefits of one of the oldest cultivated plants in the world.

In this interview with Dr Grinspoon, many topics are discussed concerning the role of medicinal cannabis use in today's society.

J. Ray: What got you interested in marijuana/cannabis?

Dr Grinspoon: In 1967, I had some unexpected time so I thought I would look into marijuana to see what all the fuss was about. I was convinced at the time that marijuana was a terribly dangerous drug. I didn't understand why young people were ignoring the government's warnings about its danger in using it. So, I spent the next three years doing research and looking into it. I learned I had been brainwashed just like so many other citizens in the United States.

While marijuana is not harmless, it is so much less harmful than alcohol or tobacco that the only sensible way to deal with it is to make it legally available in a controlled system. We can see this with alcohol which is legally available to people over the age of 21 in the United States. I put all this together in a book called *Marihuana Reconsidered*. It was published in 1971 by Harvard University Press and was quite controversial at the time. It has just been republished as a classic with a new introduction, 25 years later.

JR: In your research you found marijuana/cannabis to be less harmful than tobacco or alcohol?

Dr G: I think cannabis is not harmless. There is no such thing as a harmless drug. Cannabis is, by any criterion, less harmful than either alcohol or tobacco. For example, tobacco costs the US about 425,000 lives every year; alcohol, perhaps 100,000 to 150,000 lives, not to speak of all the other problems caused by alcohol use. With cannabis there has not been a single case of a documented death due to its use. Now, of course, death is not the only toxicity. It is the most profound one and certainly a permanent one. If you look at it from the point of view of other toxicities, again it comes out much better than either alcohol or tobacco. In fact, the subject of our latest book, *Marihuana, The Forbidden Medicine*, looks at cannabis from the point of view of a medicine. When cannabis regains the place it once had in the US Pharmacopoeia it will be among the least toxic substances in that whole compendium.

JR: It was in the US *Pharmacopoeia* in the early 1900s?

Dr G: That is correct. Cannabis was a very much used drug up until 1941 when it was dropped from the US *Pharmacopoeia*. This was after the passage of the first of the draconian US anti-marijuana laws in 1937, the *Marihuana Tax Act*. This Act made it so difficult for physicians to prescribe cannabis that they just stopped using it.

JR: Cannabinoid receptors were recently discovered in the human brain. Are these cannabinoid receptors related to cannabis and its medical uses?

Dr G: Very definitely. Some years ago it was discovered by Dr Solomon Snyder that there are endogenous opioids; that is to say, substances like opium that we produce in our

bodies. It followed from that, that there would be opioid receptors in our brains. It wasn't long afterwards that a woman named Candace Pert discovered this. In other words, if you consider a receptor as a kind of keyhole and the ligand or the neurotransmitter as the key that opens it, the key has to fit into that receptor to open it.

With cannabis it came about the other way: the receptor sites for cannabis were discovered first. I believe this was in 1990. From this it was implied that there had to be an endogenous cannabinoid, a ligand that would turn this receptor site on. Indeed, a couple of years later, a man named W. A. Devane and his group discovered this ligand and they gave it the name "anandamide", after the Sanskrit word *ananda*, which means "bliss". Now there are many studies of these receptors and anandamide. It is clear that these receptors are not just located in the brain but in various other organs in the body as well.

I think we are going to see in the future that these receptors play a very important part in the medicinal utility of cannabis. Right now the clinical evidence is empirical and anecdotal but, in my view, powerful enough to be translated into a policy which would allow people to use cannabis legally for medicinal purposes.

JR: Do these recent discoveries contradict past research that warned of brain damage from cannabis use?

Dr G: In my view, that kind of thing is in the realm of myth and misinformation about cannabis. Think about it for a minute. If the brain produces its own cannabinoid-like substances, it doesn't make much sense that it would produce a substance which is going to damage the brain. Indeed, long before it was discovered that there are endogenous cannabinoids, the empirical evidence did not demonstrate that cannabis damaged the brain.

There are a few studies which were methodically unsound that the US Government and, specifically, NIDA, the National Institute

of Drug Abuse, and the DEA, the Drug Enforcement Administration, focus on.

JR: Can you tell me something about the US Drug Enforcement Administration, the DEA?

Dr G: The predecessor agency of the DEA, the Federal Bureau of Narcotics, was organised in 1930 by a man named Anslinger. Anslinger undertook what he called a "great educational campaign", which actually turned out to be a great disinformational campaign. This is symbolised by one of the flagships of that campaign: the movie, *Reefer Madness*. If you see the movie *Reefer Madness* today, even a person who is not very sophisticated about marijuana will laugh at the grossness of the exaggerations dramatised in that movie.

JR: Do you think pharmaceutical drug companies have anything to do with the government's prohibitive stand against medicinal cannabis use?

Dr G: Absolutely. The Partnership for a Drug Free America has a budget of about a million dollars a day. A lot of that money comes from drug companies and distilleries. You see, these companies and distilleries have something to lose—the distilleries for obvious reasons. The drug companies are not interested in marijuana as a medicine because the plant cannot be patented. If you can't

patent it, you can't make money on it. Their only interest is a negative one. It will eventually displace some of their pharmaceutical products.

Imagine a patient who requires cancer chemotherapy. Now he can take the best of the anti-nausea drugs, which would be ondansetron. He would pay about US\$35 or \$40 per 8-milligram pill and would then take three or four of them for a treatment. Normally, he would take it orally, but people with that kind of nausea often can't, so he would take it intravenously. The cost of one treatment for that begins at US\$600 because he will need a hospital bed, etc. Or he can smoke perhaps half of a marijuana cigarette and receive relief from the nausea.

Currently, marijuana on the streets is very expensive. One can pay from US\$200 to \$600 an ounce. This is what I call the prohibition tariff. When marijuana is available as a medicine, the cost would be significantly less than other medications; it would cost about US\$20 to \$30 an ounce. You can't tax it in the US because it is a medicine. So that would translate out to maybe about 30 cents for a marijuana cigarette.

So our chemotherapy patient could get, many people believe, better relief from the marijuana cigarette for 30 cents. This, in comparison to the ondansetron which would cost at the very least US\$160 a day and, if he had to take it intravenously, more than US\$600 per treatment.

Well, if you multiply that by all of the symptoms and syndromes we discuss in the book, *Marihuana, The Forbidden Medicine*,

"Cannabis was a very much used drug up until 1941 when it was dropped from the US Pharmacopoeia. This was after the passage of the first of the draconian US anti-marijuana laws in 1937, the Marihuana Tax Act."



then you can see that the drug companies will have something to lose here.

JR: Do you see this as a big obstacle in changing drug policy here in North America?

Dr G: Well, it is certainly playing a part. It is indirectly playing a part in the Partnership for a Drug Free America ads. To say they are inaccurate is an understatement.

JR: Are we also talking about DARE, the Drug Abuse Resistance Education program we see in many schools at this time?

Dr G: Oh yes, that is a terrible program. Again, it is miseducating children about drugs. It has now been established in a major study that it doesn't do a bit of good. We're all worried about youngsters doing drugs, but now DARE has been demonstrated not to do any good.

JR: In your book, *Marihuana, The Forbidden Medicine*, there are many references to the medicinal uses of cannabis. What are some of the medical problems you have seen medicinal cannabis help?

Dr G: The most common cancer treatment in the last couple of decades is with the cancer chemotherapeutic substances. A big problem with some of these is the severe nausea and vomiting. It is the kind of nausea that anybody who has not experienced it can only imagine. It is very important that this nausea be defeated so patients can be reasonably comfortable with this treatment. As I have mentioned, there are conventional drugs available; it is just that cannabis is often the best.

Then there is glaucoma which is a disorder of increased intraocular pressure in the eyes. If that pressure is not brought down, glaucoma can eventually lead to blindness. There are conventional medicines that work pretty well; but, for some people, cannabis works better and with fewer side-effects.

Epilepsy is a disorder which has been treated by cannabis for centuries. About 25 per cent of people in the US who have various forms of epilepsy don't get good relief from the conventional medicines. Many of them do get relief from one of the oldest anti-epileptic medicines, cannabis.

Multiple sclerosis affects more than two million people in the US, and one of its distressing symptoms is muscle spasm. It is very painful. Anybody who has had a cramp while swimming will know what muscle spasm pain is all about. Cannabis is very effective for the muscle spasms of not only multiple sclerosis but also of paraplegia and quadriplegia.

Furthermore, cannabis helps people with MS who may have trouble controlling their bladders. Cannabis is very helpful in reducing this kind of loss of control. Not long ago I was in London doing a TV debate on the topic of medicinal cannabis use. There was a woman in the audience who said she had come down from Leeds, two-and-a-half hours on the train, to be in the television audience. She has MS. The part that was so distressing for her was the social embarrassment of losing control over her bladder. Well, she said cannabis has restored her bladder control and she could now make the two-and-a-half-hour trip from Leeds with no trouble.

Cannabis has been used for centuries in the treatment of various kinds of chronic pain. It was used on the battlefields of the Civil War as an analgesic medicine until morphine displaced it. Morphine was much quicker for the pain and a much more powerful pain-reliever than cannabis. Cannabis cannot defeat very powerful pain. The price of using morphine was that many people suffered from what was then called "soldier's disease", which was addiction to morphine.

Cannabis is very useful in the treatment of migraine headaches. Sir William Osler, in his last textbook on medicine, describes cannabis as the best single medicine for the treatment of the pain of migraine.

The list is longer than that but I don't think you want me to go on and on about this. One of the amazing things about cannabis is its versatility. It has many uses. It is also remarkably non-toxic and it will be quite inexpensive when it is not a prohibited substance. In my opinion, cannabis will be seen as a wonder drug of the 1990s, much as penicillin was in the 1940s.

JR: In your first book on cannabis, *Marihuana Reconsidered*, you mentioned that the international drug-control treaties, specifically the United Nations Single Convention on Narcotic Drugs, were not a serious obstacle to the legalisation of cannabis. Do you still go along with this?

Dr G: There is no question about it.

There is no serious obstacle. Treaties can be changed and I think the push to do that will come from Europe. The interest in this is growing much more rapidly in Europe than in the US. In fact, there is so much new information regarding medicinal cannabis use that Yale University Press has asked us for a second edition of *Marihuana, The Forbidden Medicine*. This book has been translated into 10 languages, including Japanese.

Late in 1995 we received a letter from our German publisher congratulating us on our seventh printing. They

said our book has begun a "robust debate on the medicinal use of marijuana in Germany". So, the Europeans are way ahead of us, and I think the pressure will probably come from them to make the necessary legal changes so cannabis can be used as a medicine without interference. The present situation is just awful. These poor people who use it as a medicine already have some degree of anxiety regarding their disease. Another layer of anxiety is imposed on them by their government; namely, they might get arrested or have their homes confiscated because they use cannabis as a medicine.

JR: Do you think these international treaties are what keep the 'war on drugs' alive?

Dr G: I think the Single Convention is not a big obstacle, frankly. I think lots of people use that as an excuse, that we can't do anything because of the Single Convention. I'm not an expert on it, but the international lawyers I've talked to say this is not the problem. I think the war on drugs is a much bigger thing than our discussion of medicinal cannabis use. The 'war on drugs' is a much more complicated problem. If we stick to the narrow agenda of medicinal cannabis use, I think putting pressure on our gov-

"The drug companies are not interested in marijuana as a medicine because the plant cannot be patented. If you can't patent it, you can't make money on it. Their only interest is a negative one. It will eventually displace some of their pharmaceutical products."

ernment representatives and other people in powerful positions is the way.

People are learning about cannabis as a medicine. Anybody who knows a person with AIDS who is dealing with the wasting syndrome probably knows someone who has discovered that cannabis not only retards his weight-loss but maybe helps him to regain weight. People who know patients with multiple sclerosis, migraine, glaucoma who are using cannabis, begin to see that it is a very useful medicine and they begin to wonder what all the fuss is about. So I think people are getting educated.

The other thing that is happening that I think is very hopeful is that *doctors* are getting educated. You see, doctors usually get their drug education from drug companies or from pharmaceutical company sales people who go around to doctors' offices, as well as from journal articles, advertisements and promotional campaigns from these drug companies. There are no drug companies interested in cannabis, so doctors don't learn much about it. In my view, doctors have not only been miseducated like so many other people, but they have also been agents of that miseducation. What is happening now is doctors are learning from patients. This is a new way for doctors to learn about a new medicine. They learn lots of things from their patients, but generally not about new medicines.

An example of this would be an AIDS patient who started using cannabis for his wasting syndrome. Imagine him going into his doctor's office and getting on the scales. The doctor knows he's been losing weight all along and nothing that the doctor has given him has helped. Suddenly, the doctor sees his patient has gained weight since the last visit and he asks, "What's going on?" The patient says, "It is the cannabis I've been smoking: it has helped me put on some weight." This makes a powerful impression on a doctor who has been struggling to help his patient gain weight. Once this happens to a doctor, his attitude begins to change.

JR: How can the average person work for changes in the drug laws?

Dr G: Well, right now in the US, Congressman Barney Frank

of Massachusetts has introduced a bill to do just this; to make it possible for people to use cannabis as a medicine. He needs co-sponsorship and support for this bill. People who are interested in this can contact Barney Frank or even their own representatives and ask them to support HR 2618, the Bill for medical cannabis use for those in medical need.

JR: Is this a similar bill to what Newt Gingrich and others had introduced into Congress in the early 1980s?

Dr G: It's the same bill. It is the McKinney bill. I had suggested to Congressman Frank to expand the number of symptoms and syndromes for which cannabis can be used. We know more about it than we did in 1982, but it is the same bill. Gingrich supported it then, but not now.

JR: In February 1994 you and James Bakalar wrote, "The War on Drugs: A Peace Proposal", published in *The New England Journal of Medicine*. In it you talk about harm-reduction strategies in the

Netherlands and other countries. What do you think is holding back these governments in North America from making the changes necessary for a truce in the drug war, specifically in regards to medicinal cannabis use?

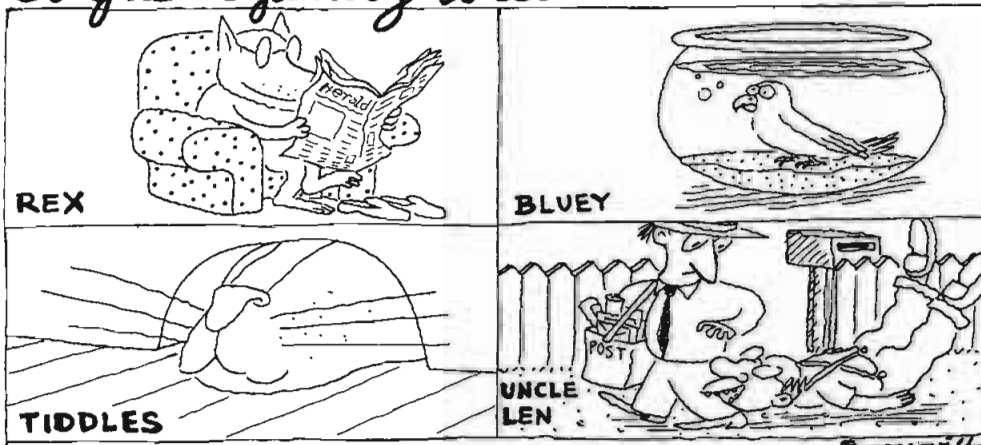
Dr G: Unfortunately, it is attitudes and fears that are unwarranted. Take one harm-reduction approach; namely, clean needles. Now, we've been saying for years that clean needles will reduce the spread of AIDS among drug users. The IV drug users are the group spreading it the most. There are people who are afraid of needle-exchange programs because they think it will cause an increase in the use of intravenous drugs. I would say this has been going on now for four or five years. Now the data is overwhelming. It clearly demonstrates that exchanging needles does cut down the spread of AIDS and it does *not* cause an increase in the use of these drugs. It is so convincing that some local municipalities have gone ahead with needle exchanges, but the Federal government and President Clinton are all dead set against it. We could have saved a lot of people from AIDS by instituting this policy of clean needles early on. Even now we are

dragging our feet because of this misapprehension about giving needles out. Ignorance and fear are not always corrected by data. The data on needle exchange is compelling whether it's from Australia, New Haven or wherever. There is no question. You would think when you have this kind of data it would be translated into social policy, considering the cost of AIDS in human suffering. But we're having an awful tough time persuading the authorities that we should go full steam ahead with needle exchange.

There is an attitude here in the US that the only way to treat anyone using a drug not approved of

"People who know patients with multiple sclerosis, migraine, glaucoma who are using cannabis, begin to see that it is a very useful medicine and they begin to wonder what all the fuss is about. So I think people are getting educated."

Confused family roles



is to treat them as a criminal. Many of these people even go to jail. The costs of criminalising these people have been extreme. Since I started my work on marijuana in 1967, more than 10 million Americans have been arrested on marijuana charges in the US. In 1994, the year for which we have the latest FBI data on this, 483,000 Americans were arrested on marijuana charges. That is just extraordinary when you consider that cannabis imposes less harm on the individual and on society than either alcohol or tobacco.

JR: What kind of feedback did you receive from your June 1995 article, "Marihuana as Medicine", in *JAMA*?

Dr G: Well, that article caused a lot of fuss. It was published in the *Journal of the American Medical Association (JAMA)*. This organisation has been steadfast in its opposition to marijuana for 50 years—since an editorial published in 1945. Although the AMA doesn't say so officially, I think publishing our article signals a growing change in physicians' attitudes towards medicinal cannabis. There were physicians who wrote me nasty letters. More impressive were the many physicians who shared their stories about how they learned about cannabis from seeing how it helped a particular patient. Several of them said we ought to have an organisation, a physicians' organisation, for the medical use of marijuana. The article created a stir not just in this country. I think *JAMA* is published in 33 languages. It was no small wonder that there was a lot of mail from other parts of the world as well.

JR: Was the feedback mostly positive?

Dr G: Absolutely. By far, most of it was positive. There were some nasty letters, but I have received those from the time I first

"Since I started my work on marijuana in 1967, more than 10 million Americans have been arrested on marijuana charges in the US... That is just extraordinary when you consider that cannabis imposes less harm on the individual and on society than either alcohol or tobacco."

published *Marihuana Reconsidered*. The first letter I received was a very nasty letter. As the years go on, though, the mail gets much more positive.

JR: What do you see for the future of medicinal cannabis use?

Dr G: It strikes me that there are a lot of parallels with the discovery of penicillin. Penicillin was discovered by a man named Alexander Fleming in 1928. He had gone off for summer vacation and left a Petri dish out in his laboratory. When he came back, the Petri dish was just covered with *Staphylococcus*, except for an area surrounding what looked like a little island of mould.

He looked into it and found that the mould was giving off a substance which he called "penicillin". It was killing the *Staphylococcus*. Yet his discovery was ignored until 1941. For over a decade his publication was ignored, until the pressure of World War II highlighted the need for antibacterial substances other than sulphonamides. Then a couple of investigators did a study with just six patients and demonstrated it was a good antibiotic.

Penicillin became very inexpensive to produce. It was clear that penicillin was not toxic and it was

very versatile as a drug. It was used in the treatment of many different kinds of infectious diseases. It became the wonder drug of the 1940s.

When cannabis can be produced as a medicine it will be very inexpensive. I have already listed some of the reasons why it can be said to be versatile, and, the government position notwithstanding, it is remarkably non-toxic. It has exactly the same three characteristics that made penicillin a wonder drug. These are some of the reasons I believe that, in the late 1990s, cannabis is going to be recognised as a wonder drug. ∞

References

- Grinspoon, Lester, M.D., *Marihuana Reconsidered*, Quick American Archives (a division of Quick Trading Company, PO Box 429477, San Francisco, CA 94142, USA), 1994 (ISBN 0-932551-13-0), first published by Harvard University Press, 1971.
- Grinspoon, Lester, M.D. and James B. Bakalar, *Marihuana, The Forbidden Medicine*, Yale University Press, New Haven and London, 1993 (ISBN 0-300-05435-1 [cloth], ISBN 0-300-05994-9 [paperback]).
- Grinspoon, Lester, M.D. and James B. Bakalar, "The War On Drugs: A Peace Proposal", *New England Journal of Medicine*, vol. 330, no. 5, 3 February 1994.
- Grinspoon, Lester, M.D. and James B. Bakalar, "Marihuana as Medicine: A Plea for Reconsideration", *Journal of the American Medical Association (JAMA)*, vol. 273, no. 23.

For more information on the DARE school programs, here is a list of articles and world wide web addresses:

- Harmon, Michele Alicia, "Reducing the Risk of Drug Involvement Among Early Adolescents: An Evaluation of Drug Abuse Resistance Education (DARE)", Institute of Criminal Justice and Criminology, University of Maryland, College Park, MD 20742, USA, April 1993.
- Web address: <http://turnpike.net/~jnr/dareeval.htm>
- "Studies Find Drug Program Not Effective", *USA Today*, 11 October 1993. See web site: <http://turnpike.net/~jnr/dareart.htm>.
- "A Different Look at DARE", Drug Reform Coordination Network Topics, in-depth series. Web site address: <http://drnet.org/DARE>.

About the Interviewee:

Dr Lester Grinspoon is an Associate Professor of Psychiatry at the Harvard Medical School. He has published over 140 papers and 12 books. His major area of interest has been 'illicit' drugs. His first book, *Marihuana Reconsidered*, was published in 1971 by Harvard University Press and republished in 1994 as a classic. He has written books on amphetamines, cocaine and psychedelic drugs. In 1990 he won the Alfred R. Lindesmith Award of the Drug Policy Foundation for "Achievement in the field of drug scholarship". *Marihuana, The Forbidden Medicine*, Dr Grinspoon's latest book, written with James Bakalar, has been translated into 10 languages. A second edition is now in press.

[Copies of *Marihuana, The Forbidden Medicine*, can be ordered from the Publicity Department, Yale University Press, New Haven, Connecticut, USA, phone +1 (203) 432 0971.]

About the Interviewer:

Jana Ray is a freelance writer and community radio personality who works to educate the public about humane alternatives to the global war on drugs. Harm-reduction strategies, legal medicinal cannabis use, drug law reform and the preservation of everyone's human rights are fundamental principles guiding her work.

Since 1992, Jana has been an active member of the British Columbia Anti-Prohibition League which represents various west Canadian groups. BCAPL advocates public/government recognition of the individual's natural, human and legal right to determine personally his/her own religion, lifestyle and consumption.

HORMONE HERESY

Oestrogen's Deadly Truth

The promotion of synthetic oestrogens and oestrogen-mimicking chemicals is a major medical mistake and an unforeseen environmental health hazard.

Part 2

by Sherrill Seilman
©1996

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Oestrogen is quite a high-profile hormone these days. For some, it represents the Golden Fleece that excites so many medical practitioners, pharmaceutical companies and writers in search of its miraculous properties. For others, oestrogen is a rather perilous hormone, fraught with many unknown and unspoken dangers. Most women are lost in the dark and bottomless abyss, somewhere between truth and fiction. All too often they are desperately confused about whether to trust their instincts or medical science. Their physical, emotional and mental health and long-term well-being hang in the balance.

The oestrogen story is similar to a modern-day thriller. It is a story of deception, betrayal, hidden agendas, propaganda and misinformation. As a story it could be quite entertaining, but as a real-life drama its effects are disastrous to the lives of tens of millions of women around the world.

Hormones are very powerful substances. Begin tampering with Nature's finely tuned messengers of life's processes and you are asking for trouble. This is especially true for women. A woman's psyche is intimately connected to her monthly flow of hormones. Hormones not only direct and determine her physiological processes, but also influence her emotional and psychological state. Besides creating myriad health problems, hormonal imbalance can undermine self-esteem, creativity, mental acuity and a healthy sex-drive.

Perhaps the bigger picture about the oestrogen story is the fact that the introduction of synthetic hormones, as a legitimate need of women, is basically experimentation under the guise of standard medical practice. As a result, medical science has expanded its control of women's lives.

Germaine Greer sums up the medical establishment's intrusion into a woman's hormonal health quite astutely when she says, "Menopause is a dream speciality for the mediocre medic. It requires no surgical or diagnostic skill; it is not itself a life-threatening condition; there is no scope for malpractice action. Patients must return again and again for a battery of tests and check-ups."

Quite simply, tampering with a woman's hormones is tampering with her power.

Introducing Oestrogen Dominance

The natural design of the body is to produce the two hormones, progesterone and oestrogen, in a very sensitive and precise balance so that reproductive ability is maximised. These two hormones are closely interrelated in many ways and, although they are generally antagonistic towards each other, each helps the other by making the cells of a target organ more sensitive.

Oestrogen really isn't a single hormone. To be accurate, it refers to a class of hormones with oestrus activity (i.e., proliferation of endometrial cells in preparation for pregnancy). The oestrogens are named oestradiol and oestrone—both of which are implicated in stimulating abnormal cell growth when found in higher-than-normal amounts in the body—as well as oestriol, which is known to be cancer-inhibiting. Each type of oestrogen has a different function in the body. These oestrogens are produced mainly in the ovaries, although small quantities are secreted from the adrenal glands, the placenta during pregnancy, and fat cells.

When puberty arrives, oestrogen encourages in a girl the development of breasts and the expansion of the uterus. Oestrogen contributes to the moulding of female body contours and maturation of the skeleton. After that, it helps regulate the menstrual cycle and plays other necessary roles in maintaining bone-mass and keeping blood-cholesterol levels in check. When excessive quantities of oestrogen, regardless of source, are present in a

young woman's body they will contribute to the 'burnout' of her ovaries and undermine fertility.

In the case of progesterone, however, we are talking about only one specific hormone. Thus, progesterone is both the name of the class and the single member of the class. In the ovaries, progesterone is the precursor of oestrogen. Progesterone is also made in smaller amounts by the adrenal glands in both sexes and by the testes in males. It is the precursor of testosterone and of all important adrenal cortical hormones. From progesterone are derived not only other sex hormones but also corticosteroids, which are essential for stress response, sugar and electrolyte balance and blood pressure, not to mention survival.²

While oestrogen is the primary hormone during the first two weeks of a woman's menstrual cycle, fulfilling its role of preparing the endometrium for pregnancy, progesterone is the major female reproductive hormone during the latter two weeks of the menstrual cycle. Progesterone is necessary for the survival of the fertilised ovum, the resulting embryo and the foetus throughout gestation when production of the progesterone is taken over by the placenta.

There is a very delicate balance between the interplay of oestrogen and progesterone. If that balance is interfered with, devastating effects occur. Unfortunately, introduced synthetic hormones as well as environmental pollutants are presently wreaking havoc with our hormones.

"Oestrogen dominance" is a term that was first used by Dr John Lee. A retired medical practitioner from California, Dr Lee has spent the better part of the last two decades exploring the basis for the proliferation of such female problems as PMS, endometriosis, ovarian cysts, fibroids, breast cancer, infertility, osteoporosis and menopausal problems. From his clinical experience in the field of female health, as well as from his published research, Dr Lee believes that many women are suffering from the effects of too much oestrogen. He finds that stress, nutritional deficiencies, oestrogenic substances from our environment, and taking synthetic oestrogens, combined with an ensuing deficiency of progesterone, are the likely contributing factors to the creation of oestrogen dominance.

The following is a list of symptoms that can be caused or made worse by oestrogen dominance: acceleration of the ageing process, allergies, breast tenderness, decreased sex-drive, depression, fatigue, hair thinning, excessive facial hair, fibrocystic breasts, foggy thinking, headaches, hypoglycaemia, increased blood-clotting, increased risk of stroke, infertility, irritability, memory loss, miscarriage, osteoporosis, pre-menopausal bone-loss, PMS, thyroid dysfunction mimicking hypothyroidism, uterine cancer, uterine fibroids, water retention, bloating, fat gain (especially around the abdomen, hips and thighs), gall bladder disease and auto-immune disorders such as lupus and thyroiditis.³

In addition to the synthetic oestrogens, women are also prescribed synthetic progestins. They have been added to the oestrogen formula to offset the hazards of oestrogen drugs. Nancy Beckham in her book, *Menopause—A Positive Approach Using Natural Therapies*, was able to identify more than 100 adverse effects for the most commonly prescribed oestrogen and progestin medications.

According to Dr Lee, many of these common health problems

can be offset by increasing the level of natural progesterone. The problem is not always that progesterone levels are actually lower than normal, but they are low in comparison to elevated oestrogen levels.

Due to increased exposure to these oestrogenic substances in the body, women become more affected by oestrogens made in the body from their mid-30s onwards. Around this time, women do not ovulate with every menstrual cycle. Since progesterone is made from the ripened follicle (corpus luteum), if there is no ovulation there is no corpus luteum formed and hence no progesterone made.

Stress, nutritional deficiencies and chemical pollutants all contribute to anovulatory cycles. The frequency of these anovulatory cycles increases as menopause approaches, changing the menstrual pattern to an either heavier or longer menstrual flow.

While not commonly understood by medical science, the growing incidence of anovulatory cycles, even in young women, and the ensuing hormone imbalance are creating huge health problems.

Women of all ages are now exposed to a higher risk of the entire range of oestrogen-dominant conditions.

Oestrogen Dominance in the Environment

Extremely disturbing events are being reported globally about the alarming changes happening in the environment.

Not long ago in Lake Apopka in Florida, wildlife biologists discovered that strange biological effects were happening in the alligators living there. In 1980, a toxic spill occurred which dumped huge

amounts of a pesticide similar to DDT into the lake. That event was almost forgotten until five years later when it was discovered that 90 per cent of the alligators had disappeared. Most of those that remained were incapable of reproducing or had no urge to mate. The males were born with penises that were not only 75 per cent shorter than average but were also deformed. Further testing indicated that their testosterone levels were so low that they hormonally resembled females. Moreover, the females had abnormal ovaries and follicles, described as "burned out".⁴

Recent reports show that strange fish caught in Port Phillip Bay in Victoria, Australia, were hermaphrodites. Similarly, a major British study revealed that male fish downstream from sewage treatment plants changed sex as a result of oestrogen chemicals which had not been removed from treated effluent.⁵

Dr Ana Soto, an endocrinologist at Tufts University in the United States, had been experimenting with cancer cells taken from the breast and then cultured. She found they would only grow if they were fed oestrogens. One day, the test simply stopped working. The cancer cells continued to grow for four months, even when no oestrogens were fed to them. Dr Soto then realised that the manufacturer of the flasks she had been using had started to use a different plastic—one that, when it becomes warm, releases minute quantities of the oestrogen-like compound, nonylphenol! Her tissues samples were being contaminated by the xeno-oestrogens from the plastic flasks!⁶

The widespread use of herbicides, pesticides and plastics have created a problem that has never before existed on this planet. We are polluting our environment and ourselves in a sea of oestrogen-

"Menopause per se should be regarded as a normal adjustment reflecting a benign change in a woman's biological life away from child-bearing and onward to a period of new personal power and fulfilment."

like mimics. They are everywhere: in the air, water, soil, and overabundantly in our bodies. Called xeno-oestrogens, these are substances which have a powerful oestrogenic effect on the body, are fat-soluble and non-biodegradable. They are also dangerously toxic.

We presently live in a world awash with petrochemicals. Petrochemicals are everywhere. Our machines run on petrochemicals, and millions of products including plastics, microchips, medicines, clothing, foods, soaps, pesticides and even perfumes are either made from petrochemicals or contain them. The popular slogan in the early 1950s, "Better Living Through Chemistry", is returning to haunt us.

The legacy of this pollution has resulted in an epidemic of reproductive abnormalities, including the steadily increasing number of cancers of the reproductive tract, infertility, low sperm-counts, poor sperm-quality and the feminisation of males. The potential consequences of this overexposure are staggering, especially considering that one of the consequences is the passing on of reproductive abnormalities to offspring.⁷

Just how serious is this problem? In a May 1993 article in the British medical journal, *The Lancet*, researchers in Scotland and Denmark hypothesised that xeno-oestrogens are responsible for a steadily declining sperm-count in men. According to Neils Skakkebeak of the University of Copenhagen, sperm counts have dropped by more than 50 per cent since 1940. Meanwhile, the rate of testicular and prostate cancer in the United States and Europe has tripled in the past 50 years. Reproductive abnormalities such as undescended testicles have become increasingly common.

Xeno-oestrogens are also implicated in impaired brain development in children.⁸ They are also directly implicated in the 30 to 80 per cent increase in breast, ovarian and uterine cancers in women over the past 50 years.⁹

In some rural communities in Australia, where heavy pesticide use has left residuals in drinking water, there have been reports of boys with abnormally small penises, along with reports of the feminisation of males and the masculinisation of females.

It is time for us to wake up and pay heed to these warnings for the sake of future generations. You can play your part in protecting your grandchildren and great-grandchildren in the same ways you can protect yourself: by refusing to use pesticides, minimising your use of plastics, purchasing hormone-free meat and organic produce, using 'green' products for detergents and household cleaners, and, in general, using 'natural' products in favour of petrochemical products.

The Myth of Oestrogen Deficiency

The trend these days is to push hormone replacement therapy (HRT), featuring synthetic oestrogens and progestins, onto all menopausal women. Unfortunately, however, this enthusiasm for drugs is not backed up by the facts. Oestrogen deficiency is loudly proclaimed by medical practitioners, pharmaceutical advertising and many lay publications as the primary cause of all the symptoms attributed to menopause and post-menopause, such as mood

swings, depressions, hot flushes, vaginal dryness, loss of sex-drive and accelerating osteoporosis.

But is there really such a thing as oestrogen deficiency? While it is true that menopause is associated with decreasing oestrogen levels, it is not known whether these decreased levels of oestrogen do in fact cause all the symptoms of menopause.

Dr Carolyn DeMarco, author of *Take Charge of Your Body* and a physician specialising in women's health issues, says there is no direct proof that oestrogen-lack causes heart disease or other ailments associated with the menopause.

Germaine Greer, well-known feminist and author of *The Change*, writes that "the proponents of HRT have never proved that there is an oestrogen deficiency, nor have they explained the mechanism by which the therapy of choice effected its miracles. They have taken the improper course of defining a disease from its therapy."

Dr Jerilyn Prior, researcher and Professor of Endocrinology at

the University of British Columbia in Vancouver, BC, Canada, points out that no study proving the relationship between oestrogen deficiency and menopausal symptoms and related diseases has yet been done. "Instead," says Dr Prior, "a notion has been put forward that since oestrogen levels go down, this is the most important change and explains all the things that may or may not be related to menopause. So oestrogen treatment at this stage of our understanding is premature. This is a kind of backwards science. It leads to ridiculous ideas—like calling a headache an aspirin-deficiency disease."¹⁰

Considering that Western women tend to have a 10-to-15-year period prior to menopause when they are oestrogen-dominant and suffering from oestrogen-dominance symptoms, why are their doctors prescribing them still more oestrogen?

Dr Prior has shown that, during menopause, progesterone decreases to 1/120th of baseline levels, whereas oestrogen decreases to one-half to one-third of pre-menopausal baseline levels. Would it not be wiser to consider

the progesterone-loss effect when evaluating post-menopausal symptoms and such related conditions as osteoporosis, heart disease, depression and loss of sex-drive?

In most menopausal women, oestrogen levels are below those necessary for pregnancy but sufficient for other normal body functions. The oestrogen "deficiency" hypothesis as an explanation of most menopausal symptoms or health problems is thus not supported by the facts of oestrogen blood levels, by worldwide ecological studies or by endocrinology experts.

Dr Lee believes that "Menopause *per se* should be regarded as a normal adjustment reflecting a benign change in a woman's biological life away from child-bearing and onward to a period of new personal power and fulfilment. The Western perception of menopause as a threshold of undesirable symptoms and regressive illness due to oestrogen deficiency is an error not supported by fact. More accurately, we should view our menopause problem as an abnormality brought about by industrialised cultures' deviation from a healthy lifestyle."

There is a very delicate balance between the interplay of oestrogen and progesterone.

If that balance is interfered with, devastating effects occur.

Unfortunately, introduced synthetic hormones as well as environmental pollutants are presently wreaking havoc with our hormones.

Synthetic Hormones and the Havoc they Wreak

With hindsight, it will very likely be recorded in history that the widespread prescribing of synthetic hormones to women was the biggest medical bungle of the century. Most women taking the contraceptive pill and HRT have very little idea about the hormones they are putting into their bodies; nor are they knowledgeable about their side-effects.

Oral contraceptives are made with synthetic oestrogen and synthetic progestins (known as the combined Pill). In the early 1960s the Pill was widely marketed as an effective, safe and convenient method of birth control. However, the initial trials were flawed and inadequate.¹¹ Nonetheless, the Pill was promoted with all the enthusiasm the pharmaceutical companies could muster.

Dr Ellen Grant, author of *The Bitter Pill* and *Sexual Chemistry*, was an early researcher of synthetic hormones and their effects on health. Back in the 1960s she was shocked when synthetic hormones were not withdrawn from the market due to their known, serious side-effects.

So, just what are the effects of suppressing natural hormones with synthetic ones? The Pill literally stops menstruation, and bleeding occurs each month only because the synthetic hormones are not taken for seven days of the cycle. The bleeding that occurs would be more accurately termed "withdrawal bleeding", not menstruation.

Taking the combined Pill increases the risk of coronary artery disease, breast cancer and high blood-pressure. The side-effects include nausea, vomiting, headaches, breast tenderness, weight increases, changes in sex-drive, depression, blood clots and increased incidence of vaginitis. Also, women with a history of epilepsy, migraine, asthma or heart disease may find their symptoms worsen.¹² Many of these effects may persist long after women discontinue taking the Pill.

According to Nancy Beckham in her book, *Menopause—A Positive Approach Using Natural Therapies*, "Women on the Pill have a greater tendency to liver dysfunction and to more allergies. Oestrogen drugs also affect vitamin concentrations. Vitamin A

levels may be raised in the blood; vitamins B12 and C may be lowered. The clinical significance is not yet known."

The introduction of the mini-Pill and Depo-Provera, both of which are made from synthetic progestins, is equally disturbing to women's hormonal health, with all the previously listed side-effects and risks.

Hormone replacement therapy was the next great discovery to arrive, following on from the Pill. The pharmaceutical companies had found another lucrative market for their synthetic hormones: the menopausal woman! While HRT is given at lower doses than

the Pill, the side-effects are often more subtle and are slower to show up. HRT is now available in a variety of forms: pills, patches and implants. One of the most popular synthetic oestrogens is Premarin, which is made from the urine of pregnant mares—just what a woman's body needs!

Hormone Addiction

What is little-known about taking HRT is that it is an addictive drug. A former president of the London Royal College of Psychiatrists warns that oestrogen used in HRT to counteract symptoms of menopause could be as addictive as heroin.¹³

In the 1970s, testing was conducted on two groups of menopausal women. Half received oestrogen replacement and the other half sugar pills. All were monitored for insomnia, nervousness, depression, dizziness, weakness, joint pain, palpitations, prickling sensations and hot flushes.

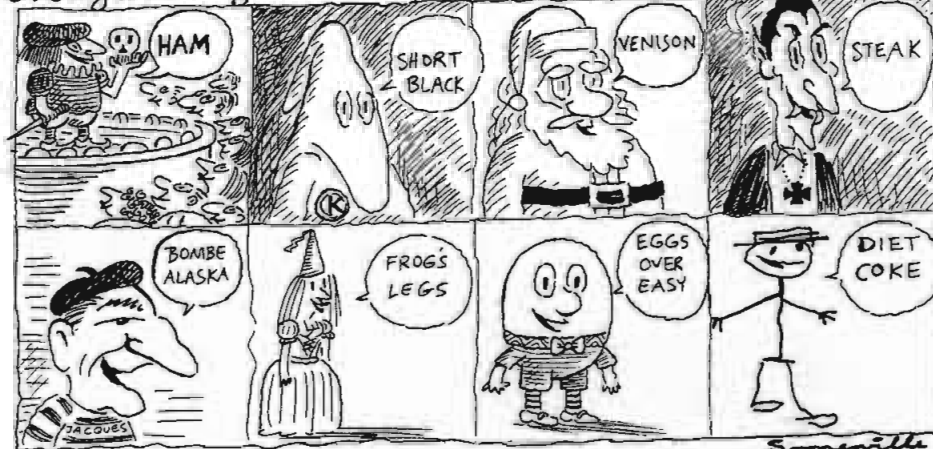
Both groups of women experienced dramatic improvement during the first 90 days of the study, except that the sugar-pill group experienced more discomfort from hot flushes. When the groups were switched, those who had initially received oestrogen experienced a pronounced return of their symptoms. It became apparent that, once oestrogen replacement stopped, a 'cold turkey' withdrawal effect was often experienced. This was especially true with implants, since the blood oestradiol levels may become much higher than the body would normally produce.¹⁴

Nancy Beckham warns that "Women on hormone replacement therapy who have enhanced well-being when their oestradiol levels are very high, but feel unwell when their blood levels are normal, may be experiencing reactions similar to those of people on social drugs.

"It is well-researched knowledge that when you first have these drugs they give you a lift, which is pleasant. As you get used to the substance you find you need more to give you the same effect, and ultimately your body craves a high level even though you may be unwell. When the substance in your blood drops below a certain level, you can experience withdrawal symptoms such as flushing, perspiration, sleep disturbance, shaking and other nervous reactions."

With hindsight, it will very likely be recorded in history that the widespread prescribing of synthetic hormones to women was the biggest medical bungle of the century.

May I have your orders please?



While it is easy to prescribe HRT for women, there is hardly any medical data concerning the effects of stopping HRT in women who have received long-term treatment.¹⁵ In one trial lasting three-and-a-half years, withdrawal lasted for six months.

So, unbeknownst to women, 'menopause's little helper' could in fact be making oestrogen junkies out of them. It's great news for the pharmaceutical companies, but a calamity of untold proportion for women. Not only do they experience a wide range of physical symptoms but they also suffer from psychiatric disturbances.

Dr Ellen Grant has said that "when higher-than-expected rates of attempted suicide and violent deaths were recorded among HRT-takers, the excuse was that more women suffering from depression are put on oestrogens in an attempt to treat them." Oestrogens are rarely considered as an implicating factor in depressive behaviour.

Hormone Balance and Illness: Debunking the Myths

HRT is now almost universally recommended to menopausal women for a wide variety of reasons. The two most significant reasons women are encouraged to embark upon the HRT bandwagon are HRT's supposed contribution in preventing or lessening the effects of osteoporosis and of cardiovascular disease. The tremendous fear of these two illnesses that is instilled by well-meaning doctors—who, after all, are the targets of effective pharmaceutical advertising and education (usually the only source of information they receive about these products)—often overrides a woman's natural instincts.

It's time to unravel the myths that hide the real story.

• Osteoporosis

To understand osteoporosis it is important to know a bit about bones. Bone-forming cells are of two different kinds. One type are called osteoclasts, and their job is to travel through the bone in search of old bone that is in need of renewal. Osteoclasts dissolve bone and leave behind tiny unfilled spaces. Osteoblasts move into these spaces in order to build new bone. A lack of oestrogens, as

experienced at menopause, indirectly stimulates the growth of osteoclasts, thus increasing the risk for developing osteoporosis. HRT containing oestrogen should therefore help prevent osteoporosis. From this point of view it does.

However, osteoclast cells have been shown to have no oestrogen receptors in themselves, so cannot directly build new bone. On the other hand, osteoblast cells, which are responsible for making new bone, have been shown to have not oestrogen but *progesterone* receptors. What this means is that it is progesterone (the natural form, not the synthetic progestins), *not* oestrogen, which is responsible for building bone tissue.

This view is upheld in the *Scientific American Updated Medicine Text 1991*, which states, "Oestrogens decrease bone resorption, but associated with the decrease in bone resorption is a decrease in bone formation. Therefore, oestrogen should not be expected to increase bone mass." The authors also discuss oestrogen side-effects, including the risk of endometrial cancer which "is increased sixfold in women who receive oestrogen therapy for up to five years; the risk is increased to fifteenfold in long-term users."

Dr Kitty Little from Oxford found masses of tiny clots in the bones of rabbits treated with hormones. She is convinced that HRT in the form of oestrogen and progestins will increase the risk of osteoporosis. Blood clots originate from sticky clumps of platelet cells in the blood. She believes that blood clots in the bones can cause bone to break down, leading to osteoporosis.¹⁶

More and more research findings are emerging that challenge the oestrogen-deficiency/osteoporosis relationship and reinforce the progesterone-deficiency link. The results of a three-year study of 63 post-menopausal women with osteoporosis verify this. Women using transdermal progesterone cream experienced an average 7 to 8 per cent bone-mass density *increase* in the first year, 4 to 5 per cent in the second year, and 3 to 4 per cent in the third year! Untreated women in this age category typically *lose* 1.5 per cent bone-mass density per year! These results have not been found with any other form of hormone replacement therapy

MYTHS OF OSTEOPOROSIS

Dr John Lee, author of *What Your Doctor May Not Tell You About Menopause*, writes this about the myths of osteoporosis:

Myth #1: Osteoporosis is a calcium-deficiency disease.

Most women with osteoporosis are getting plenty of calcium in their diet. It is quite easy to get the minimum daily requirement of calcium in even a relatively poor diet. The truth is that osteoporosis is a disease of excessive calcium-loss caused by many factors. In osteoporosis, calcium is being lost from the bones faster than it is being added, regardless of how much calcium a woman consumes.

Myth #2: Osteoporosis is an oestrogen-deficiency disease.

Not even basic medical texts agree with this. It is a fabrication of the pharmaceutical industry with no scientific evidence to support it. Osteoporosis begins long before oestrogen levels fall, and accelerates for a few years at menopause. Taking oestrogen can slow bone-loss for those few years, but its effect wears off within a few years after menopause. Most importantly, oestrogen cannot rebuild new bone.

Myth #3: Osteoporosis is a disease of menopause.

This is at least a decade short of the truth. Osteoporosis begins anywhere from five to 20 years prior to menopause, when oestrogen levels are still high. Osteoporosis accelerates at menopause or when a woman's ovaries are surgically removed or become non-functional, such as can happen after hysterectomy. It is staggering to think how many thousands or millions of women have been doomed to a crippled old age or early death because their ovaries and/or uterus were unnecessarily removed before menopause and natural progesterone replacement was ignored.

or dietary supplementation!¹⁷

Bone loss is the result of many other factors besides progesterone deficiency. Excess protein in the form of meat and dairy products (contrary to the dairy industry's advertising) contributes to bone loss. An acidic condition is created in the blood which then pulls out calcium from the bones to neutralise it. Another major factor is lack of exercise. Bone growth is dependent on weight-bearing exercise. In addition, sugar, diuretics, antibiotics, fluoride, cigarettes, alcohol abuse and cortisone are all deleterious to bones.

To sum it up, post-menopausal osteoporosis is a disease of excess bone-loss caused by a progesterone deficiency and, secondarily, by a poor diet and lack of exercise. Progesterone restores bone mass. Natural progesterone hormone is an essential factor in the prevention and proper treatment of osteoporosis at any age.¹⁸

• Cardiovascular Disease

Oestrogen is being touted by mainstream medicine as a great preventer of cardiovascular disease in women and therefore a major reason to have women on HRT.

According to Dr Lee, the one notable study which formed the entire basis of the positive oestrogen-cardiovascular link—the 1991 *New England Journal of Medicine* report known as the Nurses' Questionnaire Study, conducted with a large sampling of nurses—was radically flawed and the statistics manipulated.¹⁹ Although there is ample evidence from numerous other studies showing that, indeed, the *opposite* is true—that oestrogen is a significant factor in *creating* heart disease—these findings have been virtually ignored in the frenzy for profits. He goes on to say that the pharmaceutical advertisements also neglected to mention the fact that stroke death incidence from that study was 50 per cent higher among the oestrogen users.

Nancy Beckham's research into the oestrogen-cardiovascular link reveals the following:²⁰

- High doses of oestrogens are likely to be thrombogenic (blood-clotting) during use, and it is possible that even moderate doses may increase the risk of clotting among women who smoke or who already have clogged arteries. Reports are now starting to come in, indicating that high-dose oestrogens, particularly as experienced with oestradiol implants, cause hypercoagulability, which means that the blood has a tendency to clot, thereby increasing the risk of heart attack and stroke.

- A British medical report also states that the cardiovascular effects of synthetic progestins used with oestrogen in the much larger number of women who have not undergone hysterectomy are unknown.

- Some researchers do not consider that heart disease is linked to the cessation of the body's oestrogen production. (Actually, it is inaccurate to use the word "cessation", since oestrogen production is only reduced in menopause.)

Natural progesterone also seems to play a significant role in protecting women from cardiovascular disease. We know now that anovulatory cycles and lowered progesterone levels occur

prior to menopause, and progesterone levels after menopause are close to zero. Oestrogen, on the other hand, falls only 40 to 60 per cent with menopause. A woman's passage through menopause results in a greater loss of progesterone than of oestrogen. Perhaps the increase in heart risk after menopause is due more to progesterone deficiency than to oestrogen deficiency. Dr Lee has noted in his clinical experience that lipid profiles improve when progesterone is supplemented.²¹

What is known about progesterone is that it increases the burning of fats for energy and, in addition, has an anti-inflammatory effect. Both of these actions could be protective against coronary heart disease. Progesterone protects the integrity and function of cell membranes, whereas oestrogen allows the influx of sodium and water while allowing the loss of potassium and magnesium. Progesterone, a natural diuretic, promotes better sleep patterns and helps one deal with stress. When the known actions of progesterone are reviewed, it is clear that many of its actions are also beneficial to the heart.

When it comes to increased risk of coronary heart disease, dietary factors are extremely important. Heart disease risk is increased by the following: overeating in general; animal fat, sugar and refined carbohydrates; overprocessed foods; excess salt or sodium; trans-fatty acids; lack of fibre; magnesium and/or potassium deficiency; and lack of antioxidant-rich food or supplements such as vitamins C, E, and A, beta-carotene and selenium. Stress is also a risk factor for heart deaths.

• Cancer

The evidence connecting female cancers of the breast, uterus and ovaries with high oestrogen levels is growing. Oestrogen's job in the uterus is to cause proliferation of the cells. Under the influence of oestrogen, uterine cells multiply faster, and then progesterone should normally come on the scene with ovulation and stop the cells from multiplying. Progesterone causes the cells to mature and enter the secretory phase that causes the maturing of the uterine lining, which is now ready to receive a possible fertilised egg. Oestrogen is the

hormone that stimulates cell proliferation, and progesterone is the hormone that stops growth and stimulates ripening.

Oestrogen dominance also stimulates breast tissue. Premenstrual women who suffer from oestrogen dominance often suffer from breast-swelling and tenderness. Progesterone, as a hormone of maturation, brings the cells back into balance and thus can eliminate breast tenderness.

There is certainly an alarmingly high incidence of breast and uterine cancer amongst Western women. There is evidence that breast cancer occurs most often at the stage of life when oestrogen is dominant for the full month and progesterone is not coming in at the halfway point of ovulation. Dr Graham Colditz, of Harvard University, maintains that unopposed oestrogen is responsible for 30 to 35 per cent of breast cancers.²² Some experts would put that percentage even higher.

... post-menopausal osteoporosis is a disease of excess bone-loss caused by a progesterone deficiency and, secondarily, by a poor diet and lack of exercise. Progesterone restores bone mass. Natural progesterone hormone is an essential factor in the prevention and proper treatment of osteoporosis at any age.

Continued on page 69

White Powder Gold

A Miracle of Modern Alchemy

*This elusive group
of substances
defies orthodox
science and
medicine.*

*Is this a miracle-
in-the-making for
the next
millennium?*

Part 1

A Lecture by David Hudson

Portland, Oregon, USA
28 July 1995

Science of the Spirit Foundation
PO Box 25709
Tempe, AZ 85285, USA

My name is David Hudson. I'm a third generation native Phoenician from an old family in the Phoenix area. We are very conservative. I had no concept that I would ever be doing what I'm doing right now when I began this work. In 1975-76 I was very unhappy with the banking system here in the United States. I was farming about 70,000 acres in the Phoenix area in the Yuma Valley. I was a very large, materialistic person. I was farming this amount of ground. I had a 40-man payroll every week. I had a four-million-dollar line of credit with the bank. I was driving Mercedes Benzes. I had a 15,000-square-foot home. I was Mr Material man.

In 1975 I was doing an analysis of natural products here in the area where I was farming. You have to understand that in agriculture in the state of Arizona we have a problem with sodium soil. This high-sodium soil, which looks like chocolate ice-cream on the ground, is just crunchy black. It crunches when you walk on it. Water will not penetrate this soil. Water will not leach the sodium out of the ground. It's called black alkali.

What we were doing was going to the copper mines in the state of Arizona and buying 93 per cent sulphuric acid. For those of you who don't know, the battery acid in your car is 40 to 60 per cent acid. This was 93 per cent sulphuric acid; very, very high concentration. We were bringing in truck- and trailer-loads of this sulphuric acid to my farm and I was injecting 30 tons to the acre into the soil.

We were putting six-inch ribbons on the ground that would penetrate about three or four inches into the ground. When you irrigate—nothing will grow in Arizona unless you irrigate—the ground would actually froth and foam due to the action of the sulphuric acid. What it did was convert the black alkali to white alkali, which was water-soluble. So, within a year-and-a-half to two years, you would have a field that could actually grow crops.

In the work that I was doing with these soils, it was very important to have a lot of calcium in the soil in the form of calcium carbonate. The calcium carbonate would act as a buffer for all the acid that was being put on the soil. If you don't have enough calcium, the acidity of the soil goes down, you get a pH of 4 to 4.5 and it ties up all of your trace nutrients. When you plant your cotton, it will only get so tall; then it won't grow any more. It's very important when you are putting all of these amendments on your soil that you understand what is in your soil: how much iron is there, how much calcium is there, and so on.

In doing the analysis of these natural products, we were coming across this material but no one was able to tell us what it was. We began to trace this material and we found that it seemed to come from a specific geological feature. Whatever the problem was with this material, we felt that the area where it was in greatest abundance would be the best place to study it.

We took the material into Chemistry and we dissolved it and got a solution that would be blood-red. Yet when we precipitated this material out chemically by using a reductant of powdered zinc, the material would come out as a black precipitant just like it was supposed to be if it were a noble element. With a noble element, if you chemically bring it out of the acid, it won't redissolve in the acid.

So we precipitated this material out of the black and we took the material and dried it. In the drying process we took a large porcelain funnel called a Büchner funnel which had a filter paper on it. This material was about a quarter of an inch thick on top of the filter paper. At that time I didn't have a drying furnace or a drying oven, so I just set it out in

the Arizona sunshine which was about 115 degrees at five per cent humidity, so it really dried fast.

What happened was that after the material dried, it 'exploded'. It exploded like no explosion I had ever seen in my life, and I've worked with a lot of explosive materials. There was no explosion and there was no implosion. It was as if somebody had detonated about 50,000 flash bulbs all at one time—just poof! All the material was gone, the filter paper was gone and the funnel was cracked.

So I took a brand new pencil that had never been sharpened, stood it on end next to the funnel and started drying another sample. When the material detonated, it burned the pencil about 30 per cent in two but did not knock the pencil over. All the sample was gone. So this was not an explosion and was not an implosion. It was like a tremendous release of light. It was like you set that pencil beside a fireplace and after about 20 minutes you saw it was smoking on one side and burning in two. That's what the pencil looked like immediately after the flash. Now this just had me baffled. Whatever this stuff was, it was wild. We found that if we dried it out of the sunlight, it didn't explode; but if we dried it *in* the sunlight, it exploded.

Then we took some of the powder that was dried *out* of the sunlight, and we decided to put it in what is called a crucible reduction. A crucible reduction involves taking a crucible—which is like a big drinking-glass made out of porcelain—and mixing your powder with lead and all this flux, and heating it 'til the lead melts. What happens is the metals that are heavier than lead stay in the lead, and all of those that are lighter float out. This is the basic premise of your fire assays which have been done for hundreds of years. Now supposedly, gold and silver will stay in the lead and all your other non-heavy elements will come out of the lead. This is the tried-and-true way of doing metals analysis.

Well, this material settled to the bottom of the lead just like it was gold and silver. This material seemed to be denser than lead. When we poured off the slag it would take everything but the noble elements. When we poured off the lead, this material

would come off as a constituent at the bottom of the molten lead. It was separated from it. Yet when we take this material and put it on a bone ash cupel, the lead soaks into the cupel and it leaves this bead of gold and silver. Well, we did this and we got a bead that should have been gold and silver.

We took this bead for analysis to all the commercial laboratories and they said, "Dave, there is nothing but gold and silver there." Except I could take that bead, set it on a table, hit it with a hammer and shatter it like glass. Now there is no known alloy of gold and silver that is not soft. Gold and silver dissolve in each other perfectly and they form solid solutions. They are both very soft elements, and so any alloy of gold and silver, if that's all that's there, is going to be soft and ductile. You can flatten it out and make a pancake out of it. Yet this material shattered like glass. I said, "Something's going on here that we are not understanding. Something unusual is happening."

So what we did was we took these beads of gold and silver and separated them chemically, with the gold and silver out. What we had left was a whole bunch of black stuff. When I took this black stuff to the commercial laboratories they told me that it was iron, silica and aluminum. I said, "This can't be iron, silica and aluminum. First of all, you can't dissolve it in any acids or any bases once it is totally dry. It doesn't dissolve in fuming sulphuric acid, it doesn't dissolve in sulphuric nitric acid, it doesn't dissolve in hydrochloric nitric acid. Even this dissolves gold, yet it won't dissolve this black stuff." I thought this material was really strange. It just had to have an explanation. No one could tell me what it was.

Basically, I went to Cornell University. I said, "We are just going to have to throw some money at this problem." So I went and hired a Ph.D. at Cornell who considered himself an expert on precious elements. I suspected we were dealing with precious elements. I said, "I want to know what this is." I paid him to come out to Arizona. He looked at the problem. He said, "We have a machine back at Cornell that can analyse down to parts per billion. You let me take this material back to Cornell and I'll tell you exactly what you have, exactly. Unless it is chlorine, bromine or one of the lighter elements, then we can't analyse it. But if it is anything above iron, we will find it." When we got back there he told me it was iron, silica and aluminum.

I said, "Look, doctor, do you have a chemistry laboratory around here we could borrow?" He said, "Yes." I said, "Let's go to the chemistry laboratory." We worked in the chemistry laboratory all the rest of that day and we were able to remove all the silica, all the iron and all the aluminum. We still had 98 per cent of the sample, and that was pure nothing.

I said, "Look, I can hold this in my hand, I can weigh it, I can perform chemistries with it. That is something. I know that is something. It is not nothing." He said, "The absorption or emissions spectrum does not agree with anything we have programmed into our instrument." I said, "Well, that is something and I'm going to find out what."

And he said, "Mr Hudson, why don't you give us a US\$350,000-dollar grant and we'll put graduate students to looking into it." Well, I had already paid this man about US\$22,000 because he claimed he could analyse anything, and he hadn't. He didn't offer to pay any of my money back. I said, "Sir, I don't know what you pay the people around here, but we pay minimum wage on the farm where I work and I can get a lot more out of US\$350,000 than you can. So I'm going to go back and do the work myself."



I came back to Phoenix totally disillusioned with academia. I was not impressed with the Ph.D.s. I was not impressed with the people I had paid money to. I found out that it is just a big system where they work the graduate students to generate papers, but they never say anything. But the government pays them for every paper they write, so they get their money based on the number of papers they turn out. They all say the same thing: they just reword it and turn out another paper. It really is disillusioning when you find out what academia is doing right now.

Fortunately I asked around the Phoenix area and I found out about a man who was a spectroscopist. He had trained in West Germany at the Institute for Spectroscopy. He had been the senior technician for Lab Test company in Los Angeles which builds spectroscopic equipment. He's the man who blueprinted the machines, designed them, constructed them, then took them to the field and made them work. I said, "Here's a good man. This is not just a technician. Here is a man who knows how the machine works."

I went to him with a Soviet book that the fire assay man had given me. It was called *The Analytical Chemistry of the Platinum Group Elements*, by Ginzburg, et al. It was published by the Soviet Academy of Sciences. In this book, according to the Soviets, you had to do a 300-second burn on these elements to read them.

Now, for those of you who have never done spectroscopy, it involves taking a carbon electrode that is cupped at the top. You put the powder on that electrode, you bring the other electrode down above it and you strike an arc. In about 15 seconds, the carbon at this high temperature burns away; the electrode's gone and your sample's gone. So all the laboratories in this country are doing 15-second burns and giving you the results. According to the Soviet Academy of Sciences, the boiling temperature of water is to the boiling temperature of iron, just like the boiling temperature of iron is to the boiling temperature of these elements.

As you know from driving a car, as long as there is water in the motor of your car, the temperature of that car engine will never be hotter than the boiling temperature of water until all the water is gone. If you just heated the water on the stove in a pan, you know that pan never gets hotter than the boiling temperature of the water 'til all the water is gone. Once all the water is gone, the temperature skyrockets really fast.

As long as there is iron there, the temperature of the sample can never get hotter than the boiling temperature of the iron until all of the iron is gone, so you can then heat this stuff. Now, it is hard to fathom how something with as high a boiling temperature as iron could be just like water to these elements, but it is. So, literally, we had to design and build an excitation chamber where argon gas could be put around this electrode so that no oxygen or air could get into the carbon electrode, and we could burn it not for 15 seconds but for 300 seconds. According to the Soviet Academy of Sciences, this is the length of time we had to burn the sample.

We set up, we got the pK blenders, we got the standards, we modified the machine, we did all the analysis for results, we did all the spectral lines on this three-and-a-half-metre instrument. That's the spec for how big the prism is which opened up the line spectrum. For those of you who don't know, most universities have a 1.5-metre instrument. This was a three-and-a-half-metre

instrument—a huge machine. It took up the whole garage area. It was about 30 feet long and about eight or nine feet high.

Anyway, when we ran this material, during the first 15 seconds we got iron, silica, aluminum, little traces of calcium and sodium, maybe a little titanium now and then, and then it went quiet and nothing read. So, at the end of 15 seconds, we were getting nothing. Twenty seconds, 25 seconds, 30 seconds, 35 seconds, 40 seconds—still nothing. Forty five seconds, 50 seconds, 55 seconds, 60 seconds, 65 seconds—but, if you looked in through the coloured glass, sitting there on the carbon electrode was this little ball of white material. There was still something in there.

At 70 seconds, exactly when the Soviet Academy of Sciences said it would read, palladium began to read. And after the palladium, platinum began to read. And after the platinum, rhodium began to read. After rhodium, ruthenium began to read. After ruthenium, then iridium began to read, and after the iridium, osmium began to read.

Now, if you're like me, I didn't know what these elements were. I had heard of platinum, platinum jewellery, but what were these other elements? Well, there are six platinum group elements in the periodic table—not just platinum. They didn't find out about them at the same time, so they have been added one at a time.

They are all elements, just like iron, cobalt and nickel are three different elements. Ruthenium, rhodium and palladium are light platinum, and osmium, iridium and platinum are the heavy platinum.

Well, we came to find out that rhodium was selling for about US\$3,000 per ounce. Gold sells for about US\$400 an ounce. Iridium sells for about US\$800 an ounce, and ruthenium sells for US\$150 an ounce. Then you say, "Gee, these are important materials, aren't they?" They are important materials because the best-known deposit in

the world is now being mined in South Africa. In this deposit you have to go a half-mile into the ground and mine an 18-inch seam of this stuff. When you bring it out, it contains one-third of one ounce per ton of all the precious elements.

Our analysis, which we ran for two-and-a-half years, we checked over and over. We checked every spectral line, we checked every potential on interference, we checked every aspect of this. We created apples and apples, oranges and oranges, bananas and bananas. We wanted exact matches.

When we were finished, the man was able to do quantitative analysis, and he said, "Dave, you have 6 to 8 ounces per ton of palladium, 12 to 13 ounces per ton of platinum, 150 ounces per ton of osmium, 250 ounces per ton of ruthenium, 600 ounces per ton of iridium, and 800 ounces per ton of rhodium—or a total of about 2,400 ounces per ton, when the best-known deposit in the world is one-third of one ounce per ton.

As you can see, this work wasn't an indicator that these elements were there; these elements were there, and they were there in *beaucoup* amounts. They were saying, "Hey, stupid man, pay attention; we are trying to show you something." If they had been there in little amounts, I probably would have been content with this. But they were there in such huge amounts that I said, "Golly, how can they be there in these quantities and no one knew it?"

Now, you keep in mind, it wasn't one spectral analysis; it was two-and-a-half years of spectral analysis, running this material every day. And the man actually sent me away when they read

"What happened was that after the material dried, it 'exploded'. It exploded like no explosion I had ever seen in my life, and I've worked with a lot of explosive materials... It was as if somebody had detonated about 50,000 flash bulbs all at one time—just poof!"

because he couldn't believe it either. He worked on it another two months before he called me up and said, "Dave, you are right." That is how sceptical he was about it. He couldn't apologise to me. He is a German researcher with German pride, so he had his wife call and apologise to me.

He was so impressed that he went back to Germany to the Institute of Spectroscopy. He was actually written up in the spectroscopic journals as having proven the existence of these elements in natural materials in the southwestern United States. They're not journals that you would ever read, but I actually saw the journals and he was written up.

They had no idea where this stuff was coming from, how we were producing it, what concentrations we had gone through or anything. They had analysed just this small amount of powder. The crazy thing about it was that all we had done was remove the silica and send the other stuff in. They were pretty unbelievable numbers. After we had come at this in every way we knew how, to disprove it, I decided all we had to do was throw money at this problem, because money solves everything, right?

So, at 69 seconds, I stopped the burn. I let the machine cool down and I took a pocket knife and dug that little bead out of the top of the electrode. When you shut off the arc, it absorbs down into the carbon and you have to dig down into the carbon to get out this little bead of metal.

So I sent this little bead of metal over to Harwell Laboratories in London. They made a precious metals analysis of this bead. I got the report back: "No precious element detected." Now this was one second before the palladium was supposed to start leaving. Yet, according to neutron activation which analysed the nucleus itself, there were no precious elements detected. This made absolutely no sense at all. There had to be an explanation here. Either this material had been converted to another element or it was in a form that we didn't understand yet. So I decided I just had to get more information on it.

I went to a Ph.D. analytical chemist, John Sickafoose, a man who was trained in separating and purifying individual elements out of unknown material. He was trained at Iowa State University and had a Ph.D. in metal separation systems. He's the man that Motorola and Sperry used in the state of Arizona to handle their waste-water problems. He has worked with every element on the periodic table, with the exception of four. He has worked with all the rare earths, he has worked with all the man-made elements. He has physically separated everything on the periodic table with the exception of four elements. Coincidentally, I came to him to have him separate six elements; four of those were the elements he had never worked on.

He said, "You know, Mr Hudson, I have heard this story before. All my life—and I'm a native Arizonan, too—I have heard this story about these precious elements. I am very impressed with the way you have gone about this, with the systematic way you have approached it. I cannot accept any money because if I accept money from you I have to write you a written report. All I have to sell is my reputation. All I have to sell is my credibility. I'm a certified expert witness in the state of Arizona in metallurgical separation systems." He said, "Dave, I will work

for you at no charge until I can show you where you are wrong. When I can tell you where you are wrong, I'll give you a written report. Then you will pay me US\$60 an hour for the time I spent." This would have come to about US\$12,000 to US\$15,000 dollars. If this got rid of the curse, if this just got the thing answered once and for all, it would be worth it. It was for me at the time. Do it, get on with it.

Well, three years later, he said, "I can tell you it is not any of the other elements on the periodic table. We are educated; we are taught to do the chemical separation of the material and then send it for instrumental confirmation."

The example I use is rhodium because it has a unique colour in the chloride solution. It is a cranberry colour, almost like the colour of grape juice. There is no other element that produces the same colour in chloride solution. When my rhodium was separated from all the other elements, it produced that colour of chloride. The last procedure you do to separate the material out is to neutralise the acid solution, and it precipitates out of solution as a red-brown dioxide. It is heated under a controlled atmosphere to 800 degrees for an hour, and that creates the anhydrous dioxide. Then you hydro-reduce that under a controlled atmosphere to get the element, and then you anneal away the excess hydrogen.

So, we neutralised the acid solution and precipitated it out as a red-brown dioxide, which is the colour it is supposed to precipitate. Then we filtered that out. We heated it under oxygen for an hour in a tube furnace, then we hydro-reduced it to this grey-white powder—exactly the colour rhodium should be as an element. Then we heated it up to 1,400 degrees under argon to anneal away the material, and it turned snow-white. Now this wasn't expected. This just isn't what is supposed to happen.

What John did was, he said, "Dave, I'm going to heat it to the anhydrous dioxide. I'm going to cool it down. I'm going to take one third of the sample and put it into a sealed vial. I'm going to put the rest of the sample back into the tube furnace and heat it up under oxygen, cool it back down, purge it with inert gas, and heat it back up under hydrogen to reduce away the oxides. The hydrogen reacts with oxygen, forming water, and cleans the metal. I'll cool that down to the grey-white powder. I'll take half of that and put it into another sealed vial. I'll take the rest of the powder and put it back into the furnace. I'm going to oxidise it, hydro-reduce it and anneal it to the white powder. Then I will put it into a vial and send all three vials to Pacific Spectrochem over in Los Angeles, one of the best spectroscopic firms in the US."

The first analysis came back: the red-brown dioxide was iron oxide. The next material came back: silica and aluminum; no iron present. Just putting hydrogen on the iron oxide had made the iron quit being iron, and now it had become silica and aluminum. Now, this was a big sample. We'd just made the iron turn into silica and aluminum. The snow-white annealed sample was analysed as calcium and silica. Where had the aluminum gone?

John said, "Dave, my life was so simple before I met you. This makes absolutely no sense at all." He said, "What you are working with is going to cause them to rewrite physics books, rewrite

"They had no idea where this stuff was coming from, how we were producing it, what concentrations we had gone through or anything. They had analysed just this small amount of powder."

chemistry books, and come to a completely new understanding."

John gave me his bill: it was US\$130,000, which I paid. But he said, "Dave, I have separated it physically and I have checked it chemically 50 different ways. You have 4 to 6 ounces per ton of palladium, 12 to 14 ounces per ton of platinum, 150 ounces per ton of osmium, 250 ounces per ton of ruthenium, 600 ounces per ton of iridium, and 800 ounces per ton of osmium." These were almost the exact same numbers that the spectroscopist had told me were there. It was such an incredible number that John said, "Dave, I've got to go to the natural place where this stuff comes from and I've got to take my own samples."

So he went up and actually walked the property and took his own samples, put them in a bag, brought them back to the laboratory, pulverised the entire sample and then started doing the analysis on what is called the master blend sample which represents the whole geology—and he got the same numbers.

We worked on this from 1983 until 1989—one Ph.D. chemist, three master chemists, two technicians working full-time. Using the Soviet Academy of Sciences' and the US Bureau of Standards' weights and measures information as a starting point, we literally learned how to do qualitative and quantitative separations of all of these elements. We learned how to take commercial standards and make them disappear. We learned how to buy rhodium trichloride, as the metal, from Johnson, Matthey & Engelhardt and we learned how to break all the metal-metal bonding until it was literally a red solution but no rhodium was detectable. And it was nothing but pure rhodium from Johnson, Matthey & Engelhardt. We learned how to do it with iridium, we learned how to do it with gold, we learned how to do it with osmium, we learned how to do it with ruthenium. This is what we found when we actually purchased a machine for high-pressure liquid chromatography.

For your information, this person named John Sickafoose was the man who actually wrote his Ph.D. thesis at Iowa State University on how to build this instrument. He conceptualised building this instrument back in 1963-64. After he graduated, some of the graduate students there took that technology and developed it, and eventually Dow Chemical came in and bought it. Dow went ahead and commercialised it and now it is the most sophisticated chemical separation instrument that the world has. It's computer-controlled, all high-pressure, and you can do very precise separations with it. Because this is the man who conceptualised and designed it and told them what the limitations would eventually be on it, he was the ideal man to take the technology and perfect it.

So we were able to use their basic technology and develop a separation system for the rhodium trichloride. We actually separated five different species in the commercial rhodium trichloride. What this is all about is that the word "metal" is like the word "army". You can't have a one-man army. The word "metal" refers to a conglomerate material. It has certain properties: electrical conductivity, heat conduction, and all these other aspects. When you dissolve the metals in acid, you get a solution that is clear without solids. You assume it's a free-ion solution, but when you are dealing with noble elements they're still not free ions. It's what is called "cluster chemistry".

Since the 1950s there has been a whole area of research in col-

leges on cluster chemistry and catalytic materials. But what happens is the metal-metal bonds are still retained by the material. So, if you buy rhodium trichloride from Johnson, Matthey & Engelhardt, you are actually getting $\text{Rh}_{12}\text{Cl}_{36}$ or $\text{Rh}_{15}\text{Cl}_{45}$. You really aren't getting RhCl_3 . There is a difference between the metal-metal bonding material and the free ions. What you are buying is cluster chemistry; you are not getting free ions. When you put the material in for the instrumentation to analyse, it is actually the metal-metal bonds of the cluster that are analysed. The instrumentation is not really analysing the free ions.

I heard that General Electric was building fuel cells using rhodium and iridium. So I made contacts with their fuel-cell people back in Massachusetts and travelled there to meet with them. They had three attorneys meet with us, and the GE people were there. The attorneys were there to protect the GE people because a lot of people say they have technologies and they meet with them; then after the meeting they *sue* them, claiming that GE stole their technology. Then, to defend themselves, GE has to divulge what their technology really is. So GE is very sceptical when you say that you have something new. They bring in their high-faluting attorneys to really screen you.

After about an hour they said, "These guys are for real. You attorneys can leave." That was because they had also had the explosions. They knew that when they buy the commercial rhodium trichloride it analyses very well. But to make it ready to go into their fuel cells they have to do salt effusions on it, where they melt the salt and put the metal in with it to disperse it further. They know that when they do that, the metal doesn't analyse as well any more. So when we told them that we had material that didn't

analyse at all, they could conceive how this was possible. They had never seen it, but they said, "We are interested."

Now these are the people, GE, who build analytical instrumentation. They said, "Dave, why don't you just make a bunch of rhodium for us and send it to us and we'll mount it in our fuel-cell technology. We'll see if it works in a place where only rhodium works. What is the mechanism of conversion of monatomic rhodium to metallic rhodium in these fuel cells?"

No other metal has ever been found which will perform the catalysis in the hydrogen-evolving technology of the fuel cell, other than rhodium and platinum. And rhodium is unique compared to platinum because rhodium does not poison with carbon monoxide and platinum does. They said, "Dave, we'll just run it to see if it's a hydrogen-evolving catalyst and, if it is, then we will see if it is carbon monoxide-stable and, if it is, then it's rhodium or it's a rhodium alternative."

So we worked for about six months and refined that amount of material and we re-refined it and re-refined it. We wanted to be absolutely sure that this was really clean stuff. We didn't want any problems with this. We sent it back to Tony LaConti at GE.

GE, by that time, had sold their fuel-cell technology to United Technologies who already had a fuel-cell technology. All the GE fuel-cell people had to go work for United Technologies, and, since United Technologies already had their in-house people, the GE people were not integrated into the existing teams. So all the GE people were junior people; they weren't senior any more.

"So the material hadn't volatilised away. It was still there. It just couldn't be weighed any more. That's when everybody said, 'This just isn't right; it can't be!'"

Continued on page 72

The Key to Humanity's Mysterious Origins

*The sacred
landscape
geometry of
Rennes-le-
Château
suggests the
prior
existence of an
advanced
culture with
links to ancient
Egypt.*

Part 2

by David Wood and
Ian Campbell © 1984-1995

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ENTER THE PENTAGRAM

Initially our interest in the Rennes-le-Château mystery was stimulated by the suggestion that pentagonal geometry was probably associated with the area. Having been trained as a trigonometrical cartographer, David Wood, armed with a theodolite and the necessary mapping, set out to verify the possibility of landscape geometry being present in the area.

During World War II it became necessary to produce maps of inaccessible areas from aerial photography using the slotted template method (a detailed description of which is given in an appendix of our book, *Geneset*). An adaptation of this method assisted us in our search for angular relationships between churches, *châteaux*, mountain peaks and other markers which displayed the pentagonal signature of 36 degrees. Obviously, circular discs with radials of 36 degrees could be centrally pinned to any of these likely locations on the map which were of sufficient antiquity to warrant investigation. Due to the historical significance of the Languedoc region of France, there were archaeological studies of the major constructions and ruins to allow the choice of these to be selective—selective, that is, in terms of their antiquity. However, as our enquiry progressed, we found that the markers were often considerably older than was apparent at first. In some cases they had been built on the foundations of much older buildings, and the churches had been constructed over Druid sites of worship in an attempt to purify or erase them. Visually this had served its purpose but, unknowingly, this action had perpetuated the topographical position.

As tedious as this geometric process was to execute, it culminated in a display of inter-related 36-degree-angled lines. Knowing that the star-points of a pentagram fall on the circumference of a circle, the next step was to locate the centre of any circle which could accommodate a selection of markers on its circumference. This could be achieved by either the bisector of the 36-degree angles, or by constructing the perpendicular bisectors of the pentagonal chord lines.

Eventually it became apparent that the emerging shape could never be a simple regular pentagram. The process of truncating the pentagonal network to its points of intersection revealed a truly remarkable figure. Only those who have laboured with a problem such as this will fully appreciate the physical sensation as one's scalp crawls with the realisation that one is witnessing something geometrically unique. Suddenly the reward for countless hours of tedious plotting became clear as the landscape gave up its long-concealed secret.

The circumference of the circle was locked into position by seven of the identified markers, and cradled within it were the pentagonal 36-degree star-points—not five as there should have been, but only four. Any momentary disappointment that this short-coming might have caused was rapidly dispersed by the realisation that, by extending the sides of the pentagonal triangle which had failed to intersect, an intersection *did* occur outside the northern boundary of the circle. To realise then that the angle created by that intersection was, within plotting accuracy, 36 degrees, was nothing short of remarkable! In fact, at that stage it appeared to be impossible! How could a pentagram which exhibits 36 degrees on its star-points—and is normally contained within a circle—have one limb extended beyond the circle and still have all five star-points at 36 degrees? It transpired that by dividing the circumference of a circle into 15 equal arcs and constructing the extended pentagram, the star-points can be proved to be 36 degrees (see Figure 1, bottom).

Until they constructed this extended pentagram themselves, several mathematicians had

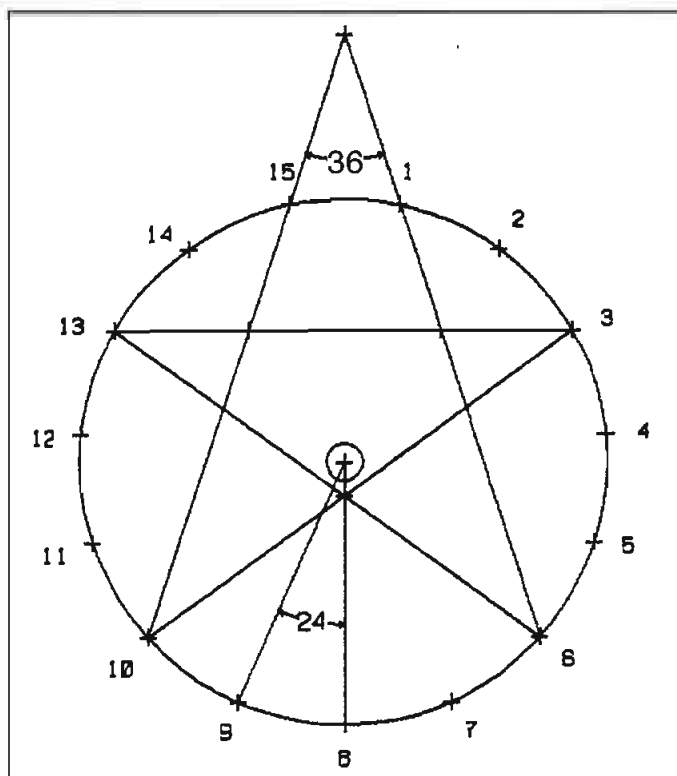
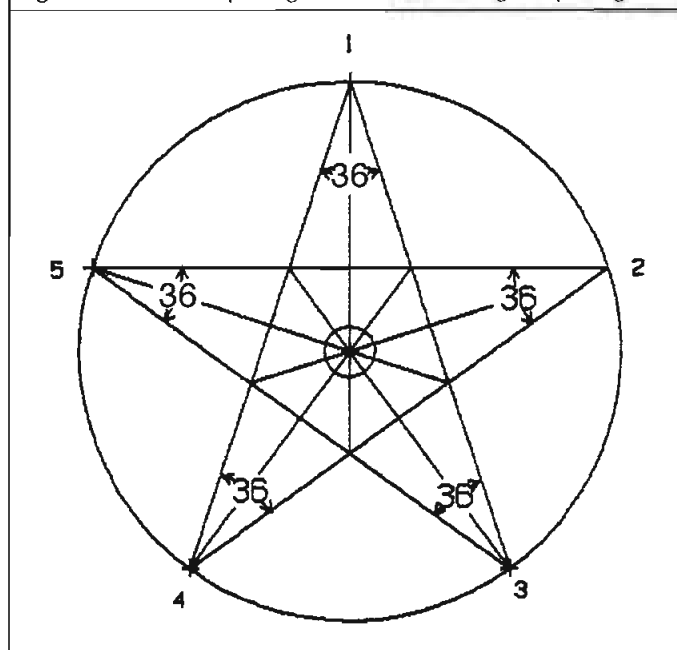


Figure 1: Extended pentagram (above) and regular pentagram.



serious doubts as to whether this was so, and it was disappointing to witness how begrudgingly some conceded the existence of such a remarkable construction. "Remarkable" is probably a gross understatement when its properties are fully appreciated. A simple comparison with the regular pentagram will give the reader some insight into the ingenuity of the designers.

The regular pentagram is constructed as shown (Figure 1, top). It is considered 'sacred' in that the chords intersect each other in the ratio of the Golden Section (see Trigonometric Tools box in Part 1, NEXUS vol. 3, no. 4).

It is also of interest that the pentagram was supposedly the secret sign of the initiated Pythagoreans and was considered by

Paracelsus to encompass all the occult forces of Nature. The celebrated French occultist Eliphas Lévi was quoted as saying, "Those who set at nought the Sign of the Cross, tremble before the Star of the Microcosm". This figure, like the circle which encompasses it, was always considered to be an explicitly *feminine* symbol—in contrast with the masculine hexagram. It was further considered that to solve the geometric relationship between these figures would place one on the road to the solution of the "Great Work". These matters are dealt with in more detail in the book, *Genesis*.

Turning our attention to the extended pentagram displayed in the geometry of Rennes-le-Château, we see that the body of the female symbol has now acquired an orientation which, by virtue of the extension, allows the identification of the limbs. The Golden Section of the chords has been sacrificed, but it is superseded by the fact that it manifests itself in the axial division of the body triangle from the centre of the circle to the apex of the head, the Golden Section being achieved at the circumference of the circle (see Figure 3). This sacred measure is also found in the relationship of the distance between the feet and the extended chord forming the side of the body triangle. In simple terms, the changes have improved and enhanced the sacred factors far beyond those of the regular pentagram.

... it was becoming increasingly obvious that we were witnessing a sophisticated geometric manipulation of the *phi* factor which could never have occurred by chance.

At this stage it was becoming increasingly obvious that we were witnessing a sophisticated geometric manipulation of the *phi* factor which could never have occurred by chance. In fact, after years of searching, it has been found that this extended pentagonal figure had never previously occurred in any geometrical work, sacred or otherwise.

An impressive unification of the feminine symbology now occurs, in so much as there is a near-perfect equation of the perimeter of the body triangle with the circumference of the circle. It is awesome to find that the body chords of the female symbol enclosed within the circle are precisely those required to construct a hexagram. This is undoubtedly the long-sought-after "Star Union", held in such reverence by the occultists (see Figure 4).

Throughout this discussion we have been referring to the extended pentagram as a symmetrical figure, whereby its formation is based on the 15 divisions of the circle being precisely 24 degrees each, and the resultant extended pentagram being precisely 36 degrees at its star-points. The major axis is thereby the bisector of the angle at the apex, and, of necessity, passes through the centre of the generating circle. The regularity of the figure allows it to be analysed systematically using elementary trigonometry.

Later we will see that the ground figure has minor eccentricities which, at first sight, may be misinterpreted as the inability of the designers to reproduce the perfection of the symmetrical design.

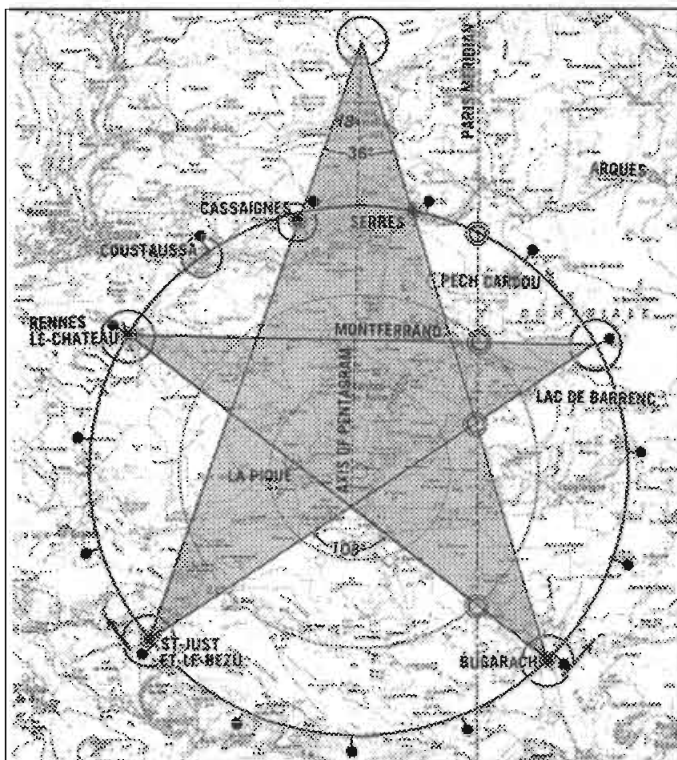


Figure 2: This figure shows churches and other important features connected to the Rennes-le-Château mystery superimposed on a 1:25,000 map. Note how these have been used to generate the extended pentagram. Note also the remarkable correspondences which occur between the Paris Meridian, the pentagram and the intermediate radii of the Circle of Churches. The black markers are the 15 mathematical divisions of the circumference required to produce a perfect theoretical pentagram, but one which lacks the remarkable *phi* controls of the figure on the ground.

However, it was eventually realised that these minor variations were indeed intentional. Just as the regularity of the simple pentagram was limited in its ability to convey information, so too were these limitations in the extended version. In fact, it was eventually realised that the apparent errors were incorporated with the express purpose of disclosing the most convincing factor: that here we were dealing with an extremely advanced intellect.

As the examination continued and the degree of sophistication was recognised, it became obvious that the figure must be transferred to a computer where a CAD programme could be used to accelerate the analysis.

Here we could resolve the problem which had dogged us from the outset: the unit of measure initially employed by the designers. Miles, various yards and cubits were proffered, but none was considered to be suitably universal when applied to the ever-increasing accuracy of the plot. It is essential to realise that, utilising the best mapping of the area at a scale of 1:25,000, even a mis-measurement of 0.25 of a millimetre produces an error of some 60 metres on the ground. With consideration to the inherent distortions of the lithographic printing process and the inevitable stretch and shrinkage of the paper, working directly from the printed map had severe limitations, especially as we were dealing with some seven miles from the northern to southern extremities of the pentagram. Eventually the unit was found, and we were surprised that it equated very closely to the British Standard Inch, the variation amounting to five thousandths of an inch.

Although at this stage there is no need to confuse the reader with strings of numbers, we must remember that the required conversion factor was the result of dozens of measurements from the map. Although we were confident that it was sufficiently accurate for our purposes at that time, we were amazed to discover eventually that it would be confirmed beyond reasonable doubt in a truly astounding manner. We decided to name the new unit of measure an "Ancient Unit" (AU).

Even hardened mathematicians will be surprised at the unique manner in which the designers of the geometry interacted the transcendental *pi* and *phi* with the sine value of angles. It would have been excusable had we never stumbled upon the system and continued to puzzle over nondescript linear values of some eight figures, but, by having intimate knowledge of certain values and seeing them appear like familiar faces on the computer screen, we realised they were indeed sine values which had been subjected to a 100,000 multiple. In fact, it is essential for the reader to appreciate that it is a feature of the designers' work that they conveyed their numerical information by integer values, ignoring the obvious position of the decimal point.

Armed now with the CAD programme, we were able to work between the map and the computer plot. There could be no question as to which dimension was to be evaluated first: the radius of the circle. As previously explained, measurement of the available mapping would never produce the accuracy we required, even though it did provide upper and lower limits of acceptability. If the circle were to match the ingenuity of the *phi*-controlled pentagram, it was highly probable that either the radius or the circumference would also exhibit the *phi* ratio, a simple multiple of it or another equally significant doctrinal measure.

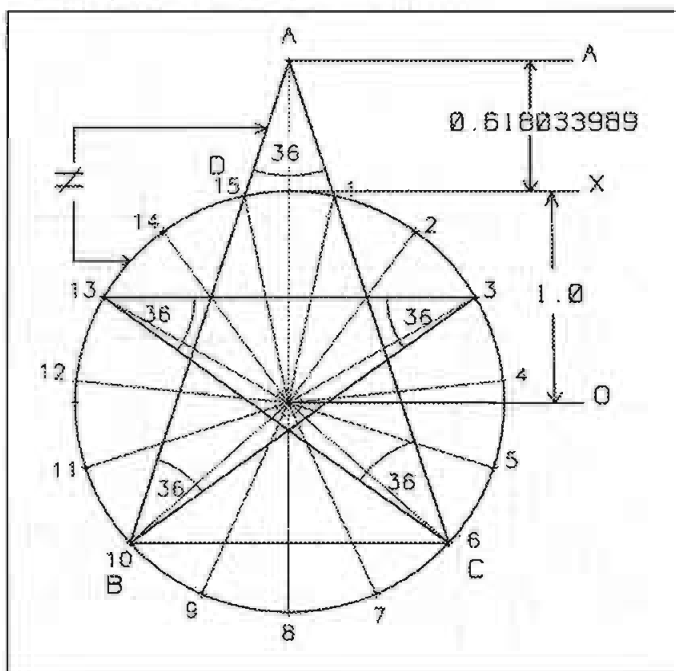


Figure 3: The circle circumference and the body perimeter ABC equate to within 1/6000th of *pi*. The circle is divided into 15 divisions of 24 degrees. By joining the positions indicated in the diagram, a pentagonal figure is produced with one limb breaking the circle, but the star-points of 36 degrees are maintained. BC is in Golden Section to the chords comprising the pentagonal body AB and AC. The axis of the extended head AX is in Golden Section to the radius OX.

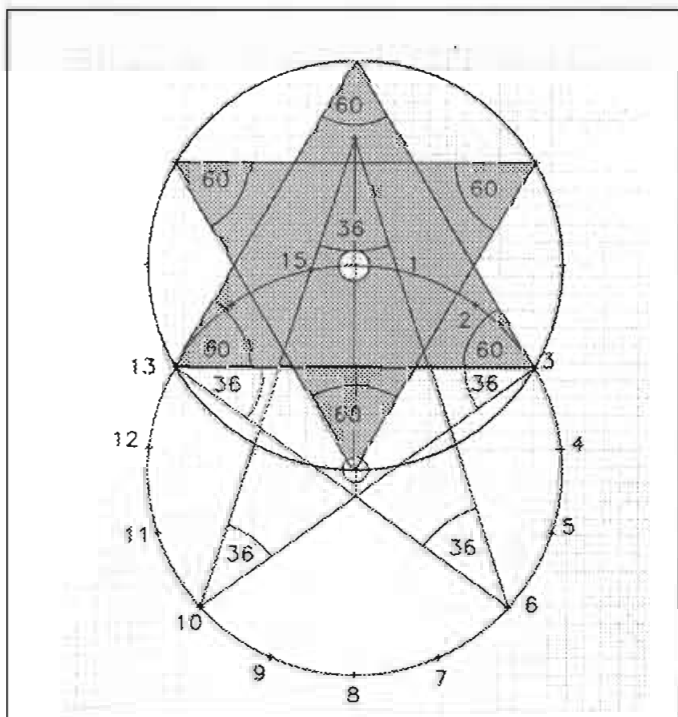


Figure 4: Only by the use of the 15-division circle can a pentagonal figure be generated which results in an arm chord which is the same as the chord of a hexagram (3-13). In fact, all the chords of the female pentagram are the same dimension as the hexagonal chord. The hexagram can therefore be constructed from any of the pentagonal chords in the original circle.

A REMARKABLE CIRCLE

The results of this investigation were nothing short of miraculous! Not one, but *three* radii with profound identities were discovered, and the variation between them was a mere three inches over nearly three miles of landscape. The properties of the three radii are discussed at length in *Geneset*, but, for the purposes of this article, suffice it to say that we elected to use the one which was most closely controlled by the *phi* factor.

As can be seen from the Tools box (Part 1), the strange reciprocal of *phi* (the Golden Section) is the numerical Golden Mean (1.618033989) from which unity has been subtracted (0.618033989), and three times that figure is 1.854101966—remembering of course that this must be harmonically tuned to ground measure by the 100,000 factor. The resultant is therefore 185,410.1966 AU, where the AU is very close to the British Standard Inch. This figure could also be considered to be $300,000/\phi$, or even $600,000/\sin 18$ degrees. This is something we will return to later, but the reader will immediately be alerted to the fact that $\sin 18$ degrees must be the exact equivalent of half the reciprocal of *phi*. Furthermore, whereas *phi* and its associated factors are linear values, this equivalence alerts one to the possibility of its use in angular measure. This revelation was to serve us well in the next stage of the investigation.

It has long been known that sacred geometry utilises the geometric and mathematical relationships between the circle and the square or rectangle. These may manifest as equivalent perimeters, inscribed or escribed squares, etc. In our case, we had an extended pentagram which, being outside the circle, called for a tangential square being extended to a rectangle in order to contain the apex of the pentagram.

The obvious way to achieve this was to construct a rectangle as an extension to the tangential square with its side parallel to the pentagonal axis. Having done this, it was disappointing to find no geometric, mathematical or ground features which would confirm the selection.

It was noticed, however, that the diagonal of the rectangle had a value slightly in excess of 600,000 AU and that it lay at an angle, the sine value of which was slightly short of the reciprocal of *phi*. As the geometric relation of the tangential square with the control factor of the pentagonal apex caused the length of the diagonal to vary, it was possible to find a position where it was exactly 600,000 AU. Nevertheless, it was awesome to find that this measurement resulted in the diagonal angle being precisely 38.17270762 degrees, and the sine value of that angle 0.618033989, the reciprocal of *phi*—the Golden Section!

The results of this investigation were nothing short of miraculous!

Further investigation provided geometric and ground confirmation sufficiently convincing for us to know that we had once more moved in the direction the designers had intended we should. From the established radius and the Temple orientation, all the Temple dimensions could be evaluated both in numerical terms and by *phi* formula—the latter once again being able to be transformed into sine 18-degree multiples to evaluate both linear and angular controls (see Figure 5).

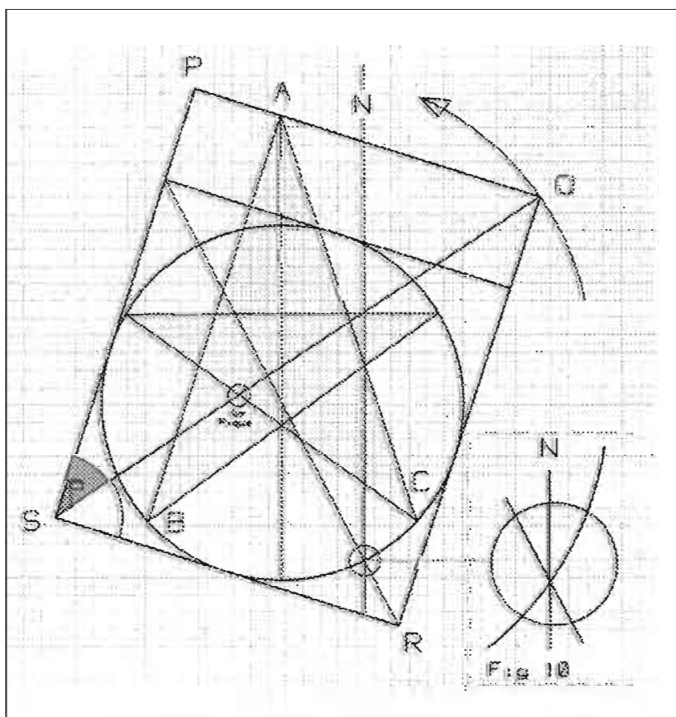


Figure 5: By a slight anti-clockwise correction, perfection is achieved with $\sin(a) = 0.618033989$, an angle of 38.17270765 degrees, and the diagonal (SQ), 2ϕ (3.236067977). This is further evidence of geometric regularity being sacrificed for trigonometrical perfection. Also note that, apart from other ground confirmations, the diagonal of the Temple square now coincides with the circle/meridian intersection.

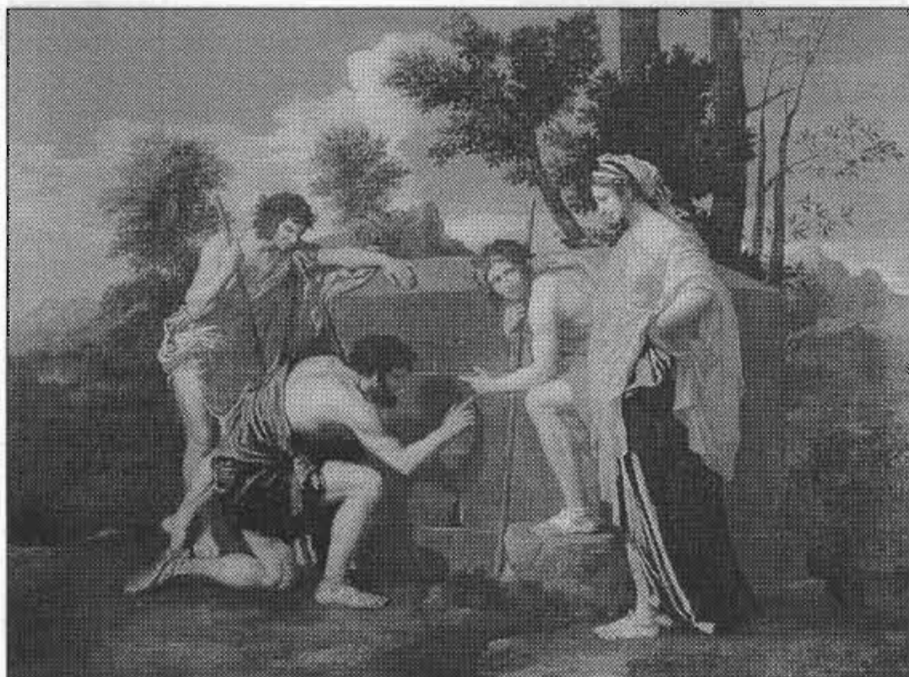


Photo 1: *Les Bergers d'Arcadie* (The Shepherds of Arcadia) by Nicolas Poussin, featuring the famous Poussin tomb which provided not only geometric and numerical clues but ultimately the identity of the Egyptian god, Set.

The realisation that half the reciprocal of ϕ equated to the sine value of 18 degrees was more profound than we had at first thought. In fact, it is the only mathematical gateway between a transcendental number and a whole integer degree value. Obviously the designers were aware of it and were determined to exploit it to the limit. One could criticise their choice on the grounds of its singularity, but in hindsight one can appreciate that, in this way, they could be sure we would be led through their numerical maze by the correct route.

THE CUSTODIANS

That the custodians in more recent times were equally aware of this relationship will become increasingly obvious as we proceed. The designers were certainly alerting us, firstly, to division by halving; secondly, to the use of the sine ratio; and, finally, to the number 18. Concealed as these items sometimes were, we eventually discovered them in profusion, and the obvious place to begin our search was at the church of Rennes-le-Château.

During his refurbishment of the church (see the History box, Part 1), the Abbé Saunière had allegedly discovered a hidden document which, after decoding, read in part: "POUSSIN, TENIERS HOLD THE KEY, PEACE 681..."

In view of the fact that Saunière had subsequently journeyed to Paris to obtain a copy of Poussin's famous painting, *Les Bergers d'Arcadie* (see Photo 1), both the painting and the strange message were worthy of examination. One clue was immediately obvious, and that was the 681 (to which we have referred previously). To confirm our Pythagorean reading of this, one of the Stations of the Cross in the church illustrates the Romans playing dice for the clothing of Jesus. The faces of two die are showing with the values of 3, 4 and 5.

The next 'coincidence' was found in that part of the message which read, "POUSSIN, TENIERS HOLD THE KEY". This had sent other investigators scurrying off to examine the paintings of

the artists hoping for something to be visually obvious. However, to a mathematical mind, "key" could imply a solution—possibly one that could be found in the names of the artists themselves. Considering the abbreviation for "sine" is "SIN", its presence in PoussIN was obvious. It was also there in TeNIerS, but as its mirror image, "NIS", and these were the only letters common to both names. Furthermore, this reflection technique is a common feature of occult coding. "Sine" phonetically corresponds to "sign", and inscribed above the portal of the church we found:

**IN HOC SIGNO VINCES
(BY THIS SIGN [SINE] YOU WILL
CONQUER)**

Then, inside the church, we found a profusion of strange images, one being a group of angels beneath which was another inscription:

**PAR CE SIGNE TU LE VAINCRAS
(BY THIS SIGN [SINE] YOU WILL
CONQUER IT)**

As obscure as the inscriptions may have been to the casual observer, to us, the play on the word "sign" was too obvious to be coincidental.

In addition to this, we knew that the church was dedicated to Mary Magdalen, who, in the eyes of the Church, was a prostitute. In fact, she was a woman of noble birth and, according to one authority, Friedrich Nork, even the famous *Nôtre Dame* in Paris was formerly a temple of the all-powerful Goddess of Egypt, Isis, whose connection with Mary Magdalen is dealt with in detail in *Genesis*.

The sign could therefore be referring to the pentagram, this being the geometric symbol of the female. Nevertheless, both of these interpretations are pointing to the number 18, for, as we know, the axis of the regular pentagram is the 18-degree bisector of its star-points.

Furthermore, the reader will recall that the sine of 18 degrees is the gateway to the transcendental ϕ ratio (Golden Section/2 =



Photo 2: The Poussin tomb, defaced and now destroyed.

sine 18), and this controls the pentagonal ground figure and its encompassing Temple.

With all these connections so firmly established, we turned our attention to Poussin's famous *Les Bergers d'Arcadie* (see Photo 1), where a kneeling shepherd can be seen pointing to the letter "R" of the famous inscription, "ET IN ARCADIA EGO". Realising that R is the 18th letter of the alphabet, we knew that Poussin was telling us he was indeed one of the custodians of the secret. Further confirmation of his mathematical ingenuity was to be found in the manner in which he had arranged for the shepherds' staffs to be precisely halved at the point where they were obscured by other details of the painting—a clear indication that he knew that by halving the *phi* reciprocal, one achieved the sine value of 18 degrees.

Although it is too involved to be dealt with here, in *Geneset* is the explanation of how this 'key' of associating number with alphabetic positioning eventually provided the dual solution of the "ET IN ARCADIA EGO" inscription. Latin scholars will be aware that the inscription is grammatically incorrect and thereby so ambiguous as to be nonsensical. After decoding, however, it was shown to incorporate the major control distances of the ground figure geometry and, furthermore, to disclose the identity of the most feared of the gods of Egypt: Set.

Further confirmation of this connection occurs by virtue of the fact that it is generally agreed that a replica of the tomb featured in the painting was constructed in the area (see Photo 2), and on examination it was found that the face stones numbered 56—the number attributed by the Greek historian Plutarch to the god Set.

Inexorably the Egyptian connection strengthened, and we became aware that we were being shown the predynastic relationship between Set and Isis which the priests of Heliopolis had cho-

sen to rehash into the 'authorised version' of the legend—the one which is currently generally accepted. In fact, for the reader to appreciate fully the next phase of the geometry, we must look to the legends of Egypt.

Continued in the next edition of NEXUS...

This article, *The Key to Humanity's Mysterious Origins*, is based on material from the books *Genesis*, *Geneset* and *Poussin's Secret*, which are distributed by Genesis Trading Co. Ltd, Wellwood, North Farm Road, High Brooms, Tunbridge Wells, Kent TN2 3DR, England, UK; telephone +44 01892 544044, fax +44 01892 511301.

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David Wood is qualified in the fields of trigonometrical and topographical surveying and cartographical reproduction. This unusual combination of skills, together with his study of legends, permitted him to discover an ancient geometry concealed in the valley of Rennes-le-Château. After years of refinement, his observations and calculations have been proven correct.

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Who Was Viktor Schaubberger?

Inspired by the workings of Nature, this Austrian-born genius developed simple concepts and technologies which could save humanity from the brink of environmental disaster.

Part 3

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While Karl Gerchsheimer was relatively well-versed in the overall concept of implosion and also had a greater understanding of Nature's processes, Norman Dodd's life had been devoted to finance and investment. Dodd was therefore something of a layman during these discussions and unable to take any really effective part, having to rely on Gerchsheimer's opinion as to the substance and validity of Viktor Schaubberger's ideas. In this way their roles gradually reversed, with Gerchsheimer gaining the more commanding position. In some ways, however, Dodd was more instrumental than Gerchsheimer in bringing the Schaubergers to America. His quiet, forthright and sincere nature inspired the Schaubergers with confidence, and it was essentially because of him that they eventually agreed to the Americans' overtures.

After about three weeks of talks, and feeling in better health, Viktor finally agreed to go, but reiterated categorically that:

*One thing is to be thoroughly understood. This whole affair is not to take longer than three months; three months only and not a single day longer!*²⁴

Early in June 1958, Viktor and Walter Schaubberger were requested to fill out a comprehensive questionnaire for the purposes of obtaining visas to the United States. Shortly thereafter, on 17th June, ten days before their departure, they were taken to the American consulate in Salzburg to have the necessary visas stamped into their passports. Ten minutes after their arrival, their passports were returned to them. Shaking their hands after the formalities had been completed, the consul then congratulated them on the four-year duration of their visas. Both Viktor and Walter found this remark rather unsettling, for, contrary to the original agreement whereby Walter would be in the United States for only one year and Viktor for only three months, it now appeared that their presence was required for four years. At this early stage of the affair, however, this mooted extension of their sojourn may in no way have reflected what was actually planned at the time because visas are often issued with a currency of four years. The Schaubergers' trepidations, while well-founded from their point of view owing to their limited experience of postwar travel, would therefore have had no basis in fact.

From 8th June onwards, at Gerchsheimer's request and expense, Walter set about gathering together all the prototypes, working models, documents, designs, drawings and patents of whatever kind which he thought would be material to the research and development of implosion. These were eventually packed into cartons and crates and forwarded by sea to the Washington Iron Works, Inc. in Texas where Viktor's devices were to be fabricated.

Prior to leaving for Frankfurt to arrange the necessary air-tickets, Gerchsheimer advised the Schaubergers to leave all traditional Austrian clothing, *trachten*, *lederhosen*, etc., behind as they would be unsuited to the climate in Texas. More normal apparel would also permit their discreet and inconspicuous integration into American life.

On 25th June, Viktor, Walter and Dr Luib left Linz for Frankfurt by train. There they were met by Gerchsheimer and Dodd, who had arrived two days earlier, and were taken to an American-owned hotel for the night. At 10 pm the following day, all five boarded a Pan American Airways flight and were flown non-stop to New York—a relatively low-altitude, bumpy flight of eleven to thirteen hours according to headwind, which for Viktor in his low state of health would have been a gruelling experience. Here, Dodd had arranged for the Schaubergers and Dr Luib to be put up for two or three days at the University Club, at 1 West 54th Street, of which Dodd was a member, so as to allow Viktor to recover from the long flight. The following day, while Viktor remained in his room, Walter went sightseeing and was taken to the top of the Empire State Building. On

30th June, a small celebration was held for Viktor's 73rd birthday. While earlier reports have stated that a large banquet was held in their honour by the US Chamber of Commerce, Gerchsheimer denies this on the grounds that Donner would have shunned any such publicity.

When the time came for departure for Texas on 1st July, Dodd, who hitherto had been their constant companion, was apparently no longer to accompany them. In an unguarded remark by Gerchsheimer, Walter learned that Dodd was about to be dismissed by Donner. Dodd himself was only informed of this about three weeks after the Schaubergers had arrived in Texas. The reasons for Dodd's dismissal are not recorded, but a newspaper article of 21 August 1959 in the *Gazette Telegraph* of Colorado Springs reports on a lawsuit against Donner in which Dodd sought US\$100,000 in damages for wrongful dismissal. Unaware of his impending dismissal, however, Dodd set about arranging for the immigration of Renner and his wife to the United States, as stipulated in the contract signed in Linz. In this endeavour he apparently pulled a number of strings in high places in order to expedite matters, as no further progress could be made on the project until Renner had arrived. This took considerably longer than anticipated, owing to the emergence of certain unstated irregularities which delayed the Renners' arrival in Texas until 3rd September.

Boarding the American Airlines plane, Viktor, Walter, Dr Luib and Gerchsheimer then flew non-stop to Dallas. As they flew over the mid-western states, Viktor looked down despondently at the near-treeless landscape passing by underneath which was dotted here and there by bores and high water-towers, all of which provoked the remark:

*What's the point? From a biological point of view, what's down there is a dying land. The water's had it. The soil's had it and the earth is as dry as a hot plate! You haven't the vaguest idea what water is! Water belongs inside the Earth and not above it. What's in these water towers is no longer water, but fire water!*²⁵

Arriving in Dallas, they were greeted by Gerchsheimer's family and Harald W. Totten and taken to a restaurant to have something to eat and relax from the journey. Pending decisions as to their final accommodation, the Schaubergers and Dr Luib spent two or three days in a motel in Sherman before being comfortably installed in Harald Totten's large, air-conditioned ranch house complete with swimming pool, about three miles from town. Encouraged to rest and acclimatise themselves while waiting for Renner to arrive, here they were provided with all they needed, which included a telephone and a cook, and a car and chauffeur to take them into town when necessary.

For the first three weeks while waiting for Renner's arrival, Gerchsheimer continued to try to gain greater insight into Viktor's ideas. As has been mentioned earlier, however, the language and terminology Viktor used to describe the dynamics of implosion and the functioning of his machines were very difficult to understand in any concrete way. Moreover, Viktor continually reiterated that to understand it all properly it was imperative that an actual machine should be examined. This never happened. Walter was apparently of no use whatsoever in any of these explanations either, because at the time he was too insufficiently acquainted

with his father's theories and their implementation. As a result, Gerchsheimer found Viktor's description of the processes of implosion and his higher form of atomic energy increasingly incomprehensible. "Gobbledygook" was how Gerchsheimer described it to me. Becoming more and more exasperated and frustrated with the whole affair, he eventually came to the conclusion that the Schaubergers had nothing to offer.

Viktor also had problems but of a different nature. Together with the difficulties of communicating his ideas to Gerchsheimer, his isolation in the oppressive heat and vastness of Texas and his inactivity due to Renner's non-arrival, Viktor's psychological and physical condition declined. On Gerchsheimer's advice and with Dr Luib's agreement, Viktor was removed to a clinic near Sherman for observation. Eventually staying some four weeks, he apparently responded satisfactorily to treatment. The end effect of Viktor's physical lapse, however, was to increase his longing to return to his natural habitat in Austria. One full, moonlit night in August, while standing in the evening cool, Viktor said to Walter:

*You have no idea how wonderful it will be when I can tread European soil once more! I felt myself obliged to come to America despite my health and age. Whatever it was that I could do, I do believe I have now done.*²⁶

... that all further discussion of implosion and implosive devices in the future was restricted to US personnel. In other words, once in Europe, both father and son were constrained to total silence on the subject and the associated project.

Seriously concerned for Viktor's physical condition, Walter proposed a plan of work which he submitted to Gerchsheimer on 9th August. In this, Walter suggested that once Viktor was well enough to travel, both he and Walter should then return to Austria where Viktor would continue to act as consultant. Having safely installed his father, Walter would then return to America with his family for a year, with visitor status only, to oversee the development of the implosion devices. This proposal was evidently rejected by Gerchsheimer, who, unable to evaluate Schauburger's

data himself but being financially committed to the project, had meanwhile voiced his rising disquiet and disbelief to Donner.

Upset at hearing this, and anxious for the success of the venture, Donner then flew to New York and on to the National Atomic Research Laboratories at Brookhaven, Long Island, to seek expert scientific opinion on Viktor's theories and his new form of atomic energy. In discussions held over the next three days from 15th to 17th August and culminating in a written agreement, the services of Eric A. Boerner, a native German-speaker and the head of a team of design engineers working on the Cosmotron Project, were retained and he was to act as go-between. (Used for the investigation of atomic structures and nuclear particles, the Cosmotron was a proton [ionised hydrogen atom] accelerator or synchrotron which made use of a large toroidal electromagnet to generate high electric and magnetic fields. These were required to guide and accelerate the particles to an energy of 3,000,000,000 electron volts [3 GeV] in preparation for subsequent collision with atomic nuclei, through which the behaviour of the scattered nuclear particles could be evaluated.) While no nuclear physicist himself, Boerner was sufficiently conversant with the terminology and fundamentals of nuclear physics to be able to translate and transmit any information to the scientific evaluators that the Schaubergers might provide.

At one point during these negotiations, Boerner apparently sug-

gested that a multimillion-dollar implosion research centre be set up in Arizona, perhaps with an idea of leading it himself. Boerner evidently mentioned this proposal to the Schaubergers who seem to have misinterpreted it as fact, although it had already been rejected by both Gerchsheimer and Donner. Having finalised the agreement, Donner returned to Colorado Springs the next day. From this point, matters began to accelerate, reaching their zenith in early- to mid-September.

On 20th August, some seven weeks after their arrival in Texas, Gerchsheimer instructed the Schaubergers to write up their own separate reports about implosion, at the same time announcing that a decisive conference was to take place in three weeks' time. Viktor was told that he should write his reports in his own words, regardless of whether the concepts or terms he used might or might not be correct, because any pearls of wisdom they contained would still be extracted. Headed "P.O. Box 28, Sherman, Texas", Viktor Schauburger's reports were addressed to Mr Eric A. Boerner, National Atomic Research Laboratory, Brookhaven, Upton, New York State. As a subheading it was further indicated that their submission was *at the behest of Mr Robert Donner or his representative, Mr Karl Gerchsheimer, in accordance with the agreement drawn up on 15th, 16th and 17th August 1958 at Brookhaven*. The writing of these reports took about ten days from 20th to 31st August—Walter's mainly addressing and reinterpreting the known facts of physics, with one twelve-page report discussing various aspects of bio-magnetic axes. When finished, these were collected on a daily basis by Gerchsheimer who forwarded them post-haste to Boerner for translation and transmission to the scientific evaluators.

On all accounts it seems that much of the communication between the Schaubergers and Gerchsheimer was fairly perfunctory, with few chances of real clarification about the personalities, project and programme. Being thus kept largely in the dark, patience and tolerance between both sides began to be very strained, with Gerchsheimer's communication becoming increasingly terse and he himself more distant. It would therefore seem quite likely that the Schaubergers were not wholly informed as to who Boerner actually was, and came to believe that he was the director of the Cosmotron Project.

Thus erroneously invested with high office at the National Atomic Research Laboratories, Boerner inevitably became bracketed with the cutting edge of nuclear research and, in consequence, fallaciously accredited with government backing and top-secret clearances. As a result, the Schaubergers came to believe that Boerner was an expert on all questions concerning energy.

On occasion during discussions at which I was present, Walter Schauburger admitted that, in the process of producing their reports, it dawned on them that a bomb could possibly be produced through implosion that was magnitudes more powerful than the hydrogen bomb. Assuming Boerner to be more influential than he was, Viktor and Walter became convinced that all the information they were supplying to him was being passed directly to the US Government and the military.

Since the Schaubergers' principal preoccupation concerned the enhancement of Life, and no doubt anxious not to enable or partic-

ipate in any way in the development of such a lethal device, this may well have contributed to the communication difficulties that peaked towards the end of the project. These problems were undoubtedly exacerbated by Viktor's later vow of silence, which in the light of the above realisation could well have been more than accidental, and would also go a long way towards explaining Walter's behaviour at the third and most important meeting in Colorado Springs, described later.

The cartons and crates despatched from Europe having meanwhile arrived in Sherman, the conference was convened on the appointed day in early September. It was attended by Viktor and Walter Schauburger, Donner, Boerner and possibly Renner. This first of three meetings then took place at Totten's ranch outside Sherman. Although chaired by Donner, it was addressed principally by Boerner who declared that Project Implosion was now a viable proposition because Viktor's ideas and basic premises had been found to be in agreement with newly established facts of physics, namely, the functional dynamics of implosion. An energy concept in accord with Nature's processes could therefore be realised.

In Boerner's view, the solution of the problem of energy lay in the proper interpretation of Max Planck's equation, $E = h\nu$, formulated in 1900, and the Friedrich Hasenöhl-Albert Einstein equation, $E = mc^2$.²⁷ Walter's unveiling of the true interpretation of c^2 had clarified the way in which Nature's energies were accumulated, and therefore there was now a sound mathematical and physical basis upon which Project Implosion could proceed.

This having been established, a start could now be made. Viktor and Walter were then told that a four-year period of development would be required before fruition. Energy was problem number one for the United States, and its solution required an all-out effort, particularly from Viktor and Walter, which would necessitate their presence in America for eight years. With this statement, no doubt all Viktor's and Walter's earlier suspicions about the four-year currency of

their visas were thoroughly confirmed. To be fair, however, the possibility exists that a stay of such length had not originally been envisaged but evolved into a necessity, the result of the far more comprehensive information the Schaubergers had supplied.

Viktor was deeply shocked at this announcement, partly at the prospect of an eight-year sojourn in a foreign land isolated by language, but more importantly at the enormous deceit, if deceit it was, that had been perpetrated on them. When Viktor interjected animatedly that in the initial agreement he was only required to stay for three months, he was told that he would have two days to accustom himself to the idea because Viktor, too, would have to make some sacrifices. Donner then closed the conference and all present left for their cars except for Viktor and Walter who remained behind.

The second conference, which was scheduled not long after the first, took place in the main workshop of the Washington Iron Works in which the crates despatched from Austria had meanwhile been placed. Some employees were ordered to dismantle the most important prototype—namely, the one built by Thurner whose central core element was a single casting consisting of a number of whorl-pipes. As an eyewitness, Walter relates how this

... in the process of producing their reports, it dawned on them that a bomb could possibly be produced through implosion that was magnitudes more powerful than the hydrogen bomb.

was brutally cut open with metal-cutting power saws, leaving Viktor totally speechless. While some continued their examination unmoved by this event, Viktor and Walter were asked to accompany the others to a nearby office for further detailed discussion of the project. Both Viktor and Walter had many questions arising from the previous meeting and urgently asked for more information and clarification. Their questions were brushed aside, however, and they were told that these would be answered at the next conference.

On the way back to their quarters, Viktor confided to Walter that he was going to insist that he be returned to Austria after the agreed three months had passed, otherwise he would henceforth remain silent. When Gerchsheimer appeared the next day, Viktor at once informed him that since they had broken their agreement with him he would remain silent and would not cooperate in the project.

About three days after this second meeting, Viktor having returned to hospital, Walter accompanied Gerchsheimer on a trip to Colorado Springs for a decisive third meeting with Donner and executives of the Eastern Oil Company and Trunk Line Company. Attended by their scientific advisers, they had flown specially from New Mexico for the meeting to be held on the following day. While Gerchsheimer stayed with Donner, Walter was put up at a nearby hotel, Gerchsheimer having lent him his imported white Mercedes to drive to the meeting at the Broadmoor Hotel in the morning.

The meeting took place as scheduled, but without Walter's attendance. Instead, he had apparently driven up to the top of the famous Pike's Peak (about 14,000 feet), returning from there only in the late afternoon. When he eventually arrived at the Broadmoor Hotel, Gerchsheimer was almost speechless with fury because Walter's attendance had been crucial to the success of the conference, which, in his absence, had been a total fiasco. Demanding an explanation, Walter apparently answered that he had simply forgotten. This only added fuel to Gerchsheimer's fire because Walter is an intelligent man and his non-attendance could therefore not have been an accident. Why Walter did this will never be known. Perhaps he was motivated by his and Viktor's desire to withhold any further information on implosive nuclear energies. Whatever the reason, it effectively scuttled the whole project. Donner was equally furious, and, after ordering Gerchsheimer to send the Schaubergers home at once, instructed his lawyer, Mr Ross, to draw up a final contract for the Schaubergers' immediate signature.

Two days later, on 13th September at about 5 pm, Viktor and Walter were collected by Gerchsheimer for the fourth and final

meeting, which took place in Totten's office. While Totten looked on grimly from behind his desk, Donner sat at a small table in the middle of the room. When Viktor entered he was shown to a seat opposite Donner, the remaining company—Gerchsheimer, Donner's lawyer and Walter—standing at the back of the room. Donner then signed a document in front of Viktor and passed his golden pen over for Viktor's signature. Picking up the document, Gerchsheimer handed it to Viktor and announced that it had been decided to permit his return to Austria, the only stipulation being that he should countersign the document. At first, Viktor demurred because it was written in English, a language he could neither read nor understand. Looking to Walter for help, an argument then broke out between Walter and Gerchsheimer, Walter insisting that the document be translated into German so that Viktor would know what he was supposed to sign. Gerchsheimer became extremely irritated at this and asked Walter to keep silent. He then turned to Viktor and assured him that he could safely sign

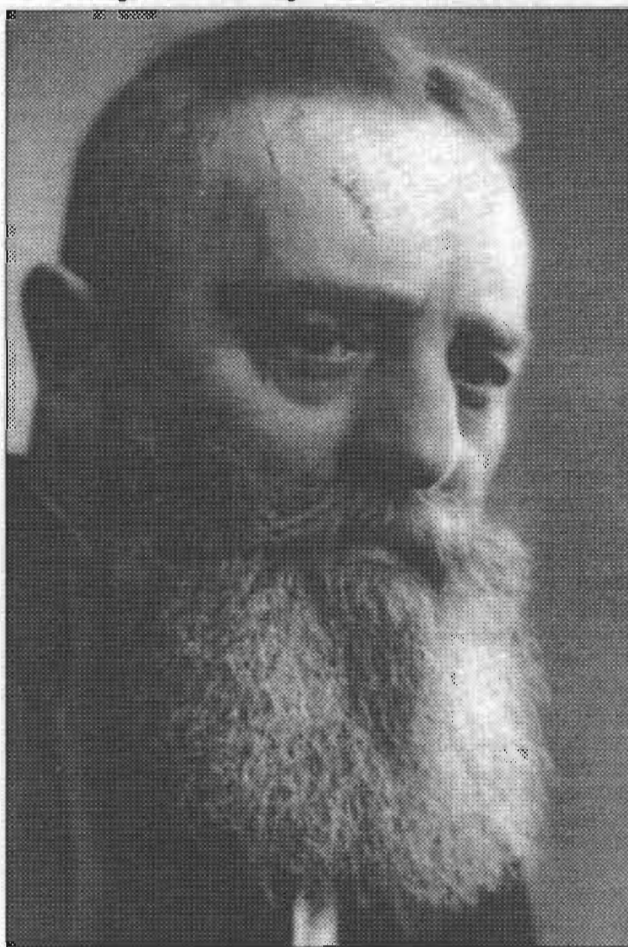
the document unread, for with its signing all his wishes would be fulfilled.

At this point Gerchsheimer reminded Donner that they had to be at the airport in ten minutes, whereupon Walter demanded that the contents of the 'contract' should at least be translated to Viktor orally. By this time in a state of semi mental paralysis born of his desperation to return home and to get the whole matter over quickly, Viktor told Walter that he wanted to sign the agreement whatever it contained. Walter then asked Gerchsheimer for a copy of the document so that he could check, as far as he was able, the accuracy of the salient points of the oral translation.

It is not known how fluent Walter's English actually was. In London in 1951, however, he was invited by Richard St Barbe Baker to give lectures and conduct experiments at the Dorchester Hotel, to which the full diplomatic corps had been invited—an event that St Barbe Baker described as highly successful. While in England, Walter gave lectures in Cambridge, Birmingham and Oxford, and also took the opportunity to visit Sir William Lawrence Bragg (who won the Nobel Prize

for Physics in 1915 for his X-ray study of crystal structures) and Sir James Chadwick (Nobel Prize for Physics in 1935 for his 1932 discovery of the neutron). Apparently there had been few communication difficulties during their exchanges of view, although both Bragg and Chadwick may well have spoken German. All this having happened some seven years previously, however fluent Walter may have been at the time, his English had no doubt become extremely rusty in the interim.

This demand to sight the document, however, provoked even further argument. When it was finally explained to him in



Viktor Schauburger
30 June 1885 - 25 September 1958

German, Viktor quickly signed it. It was only later that the soul-destroying realisation dawned on him that he had signed away his whole mind, his whole life and everything for which he had striven. I have studied this document myself and it does state in quite unequivocal terms that not only were all Viktor's models, sketches, prototypes, reports and other data to become the sole property of the Donner-Gerschheimer consortium, but Viktor was to commit himself to total silence on anything connected with implosion thereafter. Moreover, any further concepts or ideas he might develop in the future were also to belong to Donner and Gerschheimer, and under no circumstances whatever could he discuss these or anything else with anyone else.

While on the face of it this coercive action by the Americans might appear reprehensible, it could equally well be argued that, having expended considerable sums on this venture, they at least wanted to recuperate some of their losses by legally acquiring possession of Viktor's apparatuses as collateral. This would no doubt have been done with a view to exploiting them commercially in some way in the future. The manner in which this was achieved notwithstanding, to legitimise such acquisition, the signing of the above document by Viktor personally would have been a legal necessity.

The deplorable upshot of all this, however, is that all Viktor's models, prototypes, drawings and detailed data—including Prof. Pöpel's original report implying that what might be termed "negative friction" was an actuality—have remained in the possession of the Donner-Gerschheimer consortium. That this report was actually part and parcel of this project is confirmed by Viktor's reference to it in one of his reports to Boerner dated 23rd/24th August 1958.

On the evening of 17th September, Viktor and Walter were told to prepare for an early start the following morning at 5.45 am.

Ready and waiting, nobody appeared until 8.30 am. Gerschheimer had overslept. In great haste they left for the airport, Viktor being transferred to Totten's car in Sherman. Walter continued the journey with Gerschheimer, who reminded him once more of the conditions stipulated in the last agreement signed with Donner—namely, that all further discussion of implosion and implosive devices in the future was restricted to US personnel. In other words, once in Europe, both father and son were constrained to total silence on the subject and the associated project.

Due to this late start, Viktor and Walter arrived at the airport only eight minutes before take-off for New York. Arriving there several hours later, they changed planes and flew to Frankfurt by way of London where they had to make an emergency landing. Always a man to stand by his word or signature whatever the ultimate outcome to himself, on the way back in the plane Viktor turned to Walter and expressed the deep sadness of his innermost being, saying with utter resignation words to the effect that:

I no longer own my own mind. I don't even own my thoughts. After all I've done, finally there is nothing left. I am a man with no future.

Leaving Frankfurt by train a few hours later, they arrived in Linz on 20th September at about midnight. On the afternoon of 25th September 1958, five days after arriving home in Linz, Viktor Schauburger, who throughout his whole life had fought so hard to heal the environment and improve the lot of humanity, died a broken man. ∞

They call me deranged. The hope is that they are right. It is of no greater or lesser import for yet another fool to wander this Earth. But if I am right and Science is wrong, then may the Lord God have mercy on mankind!!²⁸

— Viktor Schauburger (1885-1958)

Endnotes

24. Lackenbacher, Raimund, "The Death of Viktor Schauburger" ("Der Tod des Viktor Schauburger"), *Implosion*, no. 93, p. 3.
25. *Op. cit.*, p. 5.
26. Lackenbacher, Raimund, "The Death of Viktor Schauburger" ("Der Tod des Viktor Schauburger"), *Neue Illustrierte Wochenschau*, no. 8, Sunday 22 February 1959.
27. While Einstein is generally credited with its formulation and it may well have been an almost simultaneous but independently arrived-at discovery, chronologically it was first postulated in 1903, in the form $m = E/c^2$, by Prof. Friedrich Hasenöhl (30 Nov 1874 - 7 Oct 1915), head of Physics at the University of Innsbruck, and later Vienna, Austria. Since Hasenöhl died in the First World War, he was never able to establish his priority in the formulation of this equation.
28. *Implosion*, no. 99, p. 13.

About the Author:

Callum Coats was born in London, England, in 1939 and was schooled in Scotland and Germany, although he spent periods of his childhood in non-European countries, such as India, with his parents who had connections with the Theosophical Society. He speaks fluent French and German. In 1967 he received a Master's degree in Architecture from the Architectural Association in London, practising first in London and then in Queensland, Australia, where he now lives.

Callum first heard about Viktor Schauburger at the age of 17, but, in 1977, his mother introduced him to Viktor's son,

Walter Schauburger, a physicist and mathematician. When Callum discovered that no material on Schauburger's ideas was available in English, he decided to abandon architecture and devote himself to their study. He spent three years working full-time with Walter at his Pythagoras-Kepler System Institute in Lauffen, Austria, and studying Viktor's archives. He also helped revise the translation of *Living Water*, the introductory work on Viktor Schauburger by Olof Alexandersson (published 1981).

In the ensuing 15 years, Callum Coats devoted his time and resources to writing *Living Energies* and to translating, collating and editing Viktor Schauburger's books, articles and letters into the major archive of his work, *Eco-Technology: Viktor Schauburger's Writings on Subtle Energies in Nature*.

[Callum Coats' article is reprinted from Chapter 1 of his book, *Living Energies: An Exposition of Concepts Related to the Theories of Viktor Schauburger*, published in 1996 by Gateway Books, Bath, UK. For information on how to obtain this book, contact your nearest NEXUS office as listed below:

- Australia: PO Box 30, Mapleton Qld 4560; phone (074) 42 9280, fax (074) 42 9381.
- New Zealand: PO Box 34735, Birkenhead, Auckland; phone (09) 416 7320, fax (09) 416 7340.
- UK: 55 Queens Road, East Grinstead, W. Sussex, RH19 1BG; phone 01342 322854, fax 01342 324574.
- USA: PO Box 177, Kempton, IL 60946; phone (815) 253 6464, fax (815) 253 6300.]

GRAVITY AND MAGNETISM

Is There A GEOMETRIC RELATIONSHIP?

by Rei Stark and Michael Stavrou

The Research of Thomas Watson

Retired draughtsman Tom Watson, who lives in Geelong in Victoria, Australia, has developed an interesting theory that adds some lift to the traditionally heavy topic of gravity.

There is a growing interest in anti-gravity: surely there has to be a more elegant way to escape the Earth than by using rockets! What is gravity? The existence of UFOs stimulates many theories.

Tom Watson served in the RAAF for 12 years as a sergeant draughtsman. In 1981, while visiting Ballarat, Victoria, Tom,

along with some other people, observed what he now believes to be a UFO. His fascination with the craft's strange movements led him to research gyroscopes, circular motion, gravity and anti-gravity.

His work has uncovered intriguing evidence which suggests that a resonant relationship exists between atomic structure, electricity, solar winds, the Earth's magnetic fields, rotation, and gravity itself.

Tom believes that a unique combination of gyroscopic forces can exhibit a measurable anti-gravity effect. His several years of research point to a finely-tuned relationship between a gyroscope's speed, the Earth's spin, magnetic fields and gravity. Defining the resonance of these interlocking systems could eventually make full lift-off achievable, he contends.

This paper describes a simple experiment

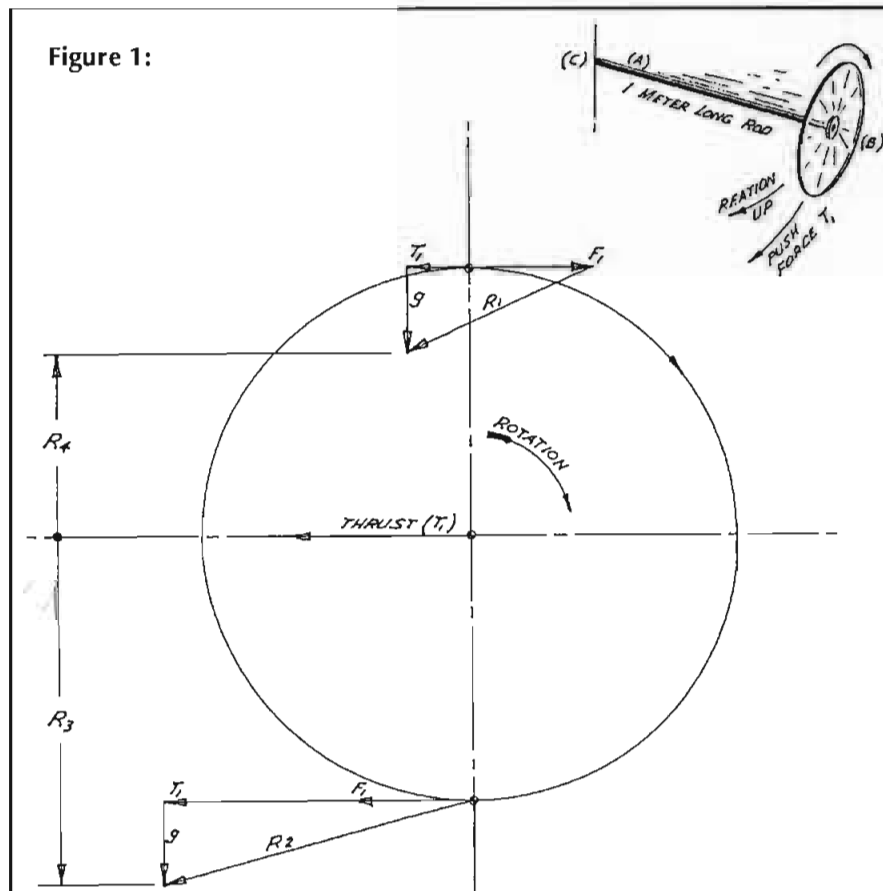
that you can try (see below), which reveals an effect contrary to established scientific belief. The experiment is based on Tom's own proprietary working prototype.

Documentation of Test Results

On 15 February 1993, Hawker DeHavilland of Melbourne tested one of Tom's early devices that delivered 5.7 pounds of lift, even with a troublesome DC-motor mounting. The motor mounting was accidentally broken while being transported from the car to the test site. They repaired the bracket and, after losing an hour, continued with the test—with only seven DC motors operating on full power.

Hawker DeHavilland was disappointed but still tested the configuration and made the appropriate corrections. A surprising surge of weight-loss was initiated when the

Figure 1:



A SIMPLE EXPERIMENT

The device schematic is shown in Figure 1. Rod (A) attaches to a free-spinning wheel (B) and the assembly (AB) attaches to a fixed point (C), free to pivot the assembly in any direction, i.e., a ball joint. The entire assembly is placed on a scale to measure its weight. In the southern hemisphere, when the wheel (B) is spun in a clockwise direction, the assembly (AB) is pushed in the direction of T_1 . The reaction of the spinning-wheel assembly is to rise, thus defying the gravitational force (R_4). Why?

According to conventional gyroscopic law, this result should not occur. The law states that the wheel reacts to the rotational force of the Earth. Gyroscopic law is further compromised when we reverse this procedure. The result is a significant, opposite, downward force. This difference is substantially greater than the upward force (R3). The scale will verify these observations. Tom Watson theorises that this reaction results from the electron activity of the rotating wheel reacting with the overall magnetic field of the Earth.

outer wheels rotated near 600 rpm. This caused a stir amongst viewing scientists.

Although lack of funds halted the project, Tom continues his research into Earth-gravity-magnetic connections and has produced a manuscript, with associated diagrams, detailing his theory.

Factors Supporting Watson's Theory

Tom Watson postulates that, "When two magnets are held together with like-poles repelling, by twisting them to just over 78 degrees they begin to attract until they find the neutral point or magnetic null zone at 90 degrees. Is it a coincidence that the Earth's geophysical tilt angle is approxi-

mately 23.4 degrees?

"When the solar wind, made of high-energy particles, interacts with the geomagnetic field, it forms a huge bubble with a long shadow-stream behind and around the Earth. The Earth's magnetic field combines with the changing solar wind, creating what is called the magnetosphere, which extends thousands of kilometres around us and protects us from the Sun's high-energy radiation.

"Solar winds, the Earth's geomagnetic field, electric fields and gravity change by the minute. They are related. They affect one another. They resonate. The exact correlation of these events is unknown and

warrants further study," Tom proposes.

Computer-generated models of these forces reveal a positive connection between known gravitational values and the magnetic constant of 9.109534×10^{31} kg. The gyroscopic frequency of Earth has a direct relationship with this value, or very close to it, i.e., $9.1116243 \times 1400 = 12,756.274$ km = Earth's diameter at the Equator.

The Next Step

Tom Watson is currently looking for a company (preferably Australian) interested in and capable of commercialising the principles he has established.



This experimental 61-kilogram (135-pound) disc-shaped model houses a main horizontal motor (gyro assembly) with eight outer heavy-metal rims with fibreglass surrounding the gyro. Each of these has individually-powered DC motors. This model produced 5.7 pounds of lift in 1993. On 3 October 1993, this unit achieved 14 pounds of weight-loss while measuring 78.212 foot-pounds of increased torque with no increase in the main motor assembly. During this test, the DC motors produced a resonant sound while running at their maximum speed of 51.209 to 77.07 rpm. This model ran for three minutes at full power before gearbox difficulties terminated the test.

Electrons, Magnetism and Gravity

Tom Watson believes that a mechanical representation of this gravitational-magnetic connection lies within the flywheel. If the flywheel axle is held vertically and then sharply thrust forward in any direction, the wheel's southern hemisphere slowly rotates clockwise. The kinetic energy is converted to mechanical rotation. Why?

He concludes that if mass is made of atoms, and atoms have electrons that are directly associated with the magnetic orbit around the nucleus of the atom, then the association is a reaction to the Earth's total magnetic field.

Tom says, "The solar wind from the Sun reacts with the Earth's magnetic field and reaction spin, giving the Earth its approximate 23.4-degree axis shift." He speculates that this interaction of magnetic fields causes what is called gravity.

He believes that gravitational force is the resultant of interacting magnetic forces of the Earth and Sun, coupled with the Moon's and related planetary effects from our own solar system as well as stellar effects associated with our galaxy. This total combination equals the approximate one-degree of magnetic correction required to generate the gravitational values here on Earth. This reaction gives the Earth its axis deflection of 23.4393 degrees (the acceptable tilt value to the year 2000), with a small deflection from the Moon's magnetic field.

His concept of linking magnetics with gravity led him to a fresh approach in using existing, proven formulae, and he has achieved acceptable results within three decimal places. The formulae have been compiled from his existing knowledge of geometry and angular momentum forces and is associated with the Equinox time factor. The formulae also determine the acknowledged values for gravity at sea-level and all altitudes. Any variation in the environmental gravity value is because of differences in local mineral composition. These determine the local environment gravity acceleration values, i.e., the magnetic attraction effect.

The magnetic force of the Earth radiates outward and some electromagnetic forces of the Sun radiate towards the Earth, creating a 'bottle' known as the magnetosphere. As a result, the Earth's magnetic field combines with the Sun's magnetosphere to create a 'shell' around us. This magnetosphere shell reflects back the Earth's magnetic fusion zone, as Tom calls it. The returned force spirals towards Earth and its magnetic component changes, creating what is called gravity. This change can be detected by sophisticated instruments.

Tom believes that the upward force counteracted by the downward force gives the resultant force called 'gravity'—a net value of 9.778 m/s/s. With his gyroscopes he has accidentally discovered some type of resonant relationship between these inertial fields.

We see another explanation for gravity as the net effect of two opposing forces. It is the result of an inertial process caused by the spin of the Earth, and it is also the effect of the ellipsoid shape of the Earth—the greater the flattened sphere or ellipsoid, the greater the gravity. Inertial force curls in on itself and is reflected, creating the Earth's 'doughnut' or concentric shell shape. Gravity is thus the result of the net equilibrium of Earth-mass spin and inertial forces. The Earth's gravitational field has periodic fluctuations, thereby making gravity relatively very slow and low in frequency at various places—thus, we speculate, making it possible for negative-ion-drive propulsion systems to work within this field.

Directions for the Future

We asked Tom to conjecture. "The Great Pyramids of Egypt provide further evidence of a relationship between these forces," he stated.

"I believe it is time that the governments of the world got together and made a forward step to unite the world instead of segregating the countries. We will have a great life together if we work towards this goal in harmony. It will be God's wish too, I'm sure, as he has been with us since the birth of our system. How do I know?"

"Look at the Great Pyramid. It has been trying to tell the scientific community that the angle of the Great Pyramid (51 degrees, 51 minutes and 41.31 seconds) is 'harmonic' to the electron mass (9.1093897533-31 c.g.s.).

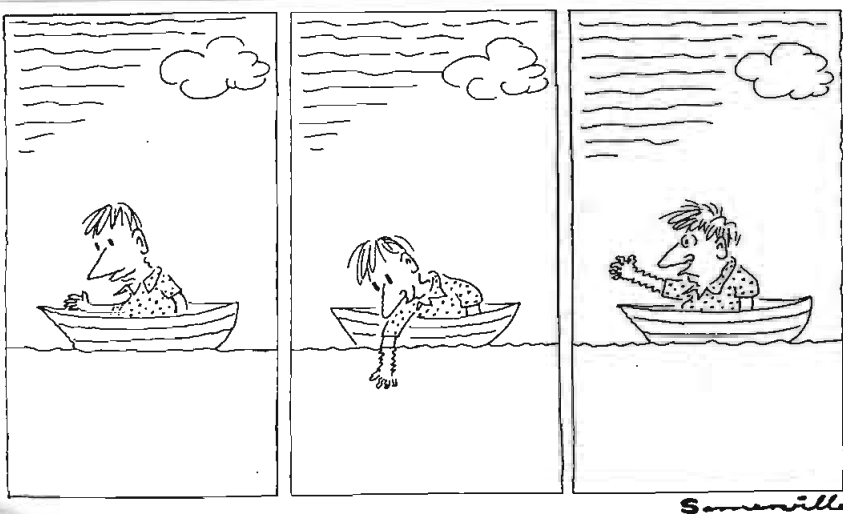
"The solution is a simple construction of the harmonic, 50 degrees, which, when generated within a circle, creates an equilateral triangle. This is the direction science should venture into.

"How were five-ton stones lifted into their accurate positions, as described in many Great Pyramid books? I believe the stones were lifted with a mechanism such as, for want of an understood term, an 'anti-gravity machine' designed to transfer heavy objects over large distances.

"I believe the Egyptians knew of the relationship between electrons and magnetism," he added with a smile.

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An Extraterrestrial Perspective on Earth

The Andromedans insist that we have a unique genetic heritage and awesome powers to change our world for the better, as long as we can free ourselves from fear.

Part 2

A Lecture by Alex Collier

Extracted from
The Leading Edge
(Issue No. 89)
Leading Edge Research Group
PO Box 7530
Yelm, Washington 98597, USA

Although many elements contained within this December 1995 lecture by ET contactee Alex Collier are unverifiable, this material is so highly interesting that it demands presentation. Relate it to other material and decide for yourself. Together with other information in existence, it appears to have a bearing on the immediate future of planet Earth and all its inhabitants.

(Note: AC = Alex Collier; Q = Audience questioner)

Life in the Cosmos

AC: As you can see, the Earth is on the fringe of our galaxy. If it were more toward the centre, we would not have had whatever opportunities we *have* had for self-rule. We take for granted whatever freedoms we've had.

The Andromedans say that there is biological life on seven planets and 15 moons in our solar system, but human technology is not sufficiently advanced to detect it.

Q: Many of us have wondered why we are here on the planet in the first place. Do you have any information on that?

AC: I have been told that some of us have been here a long time, evolving, learning not to withhold love. I have also been told that some of us have come back in time from the future, to this time now, to right a terrible wrong. That's all I know.

Q: What is your understanding of the human energy fields?

AC: It is my understanding that there are eight of them that compose a holographic imprint of all that we are individually, focussed into *one intent*, which is the *physicality* we are in right now. In other words, we are *multidimensional*, and it takes eight levels of intent to create my being here, talking to you at this time.

Q: Several years back, I was told by a friend of mine in the CIA that his brother, who had retired from NASA as the Director of Operations, had told him that the 1990 meeting between George Bush and Gorbachev on a boat off the shore of Malta was solely for the discussion of an object orbiting around Mars. The comment by this man was that "both of them were scared to death". This would correlate with the 1989 takeover that you mention on your tape.

AC: I was told that we were given technology and allowed to colonise the Moon and Mars. The best technology was taken to Mars, and some of our strongest genetic human beings were taken there. After that happened, in 1989 the Draconians broke the deal, invaded Mars and destroyed the human colony there. I was told this happened in March 1989.

Along with that, our government was told by the Draconians to *trash* our environment totally, in order to bring the people to their knees. They were given a promise by the Greys that they would use their technology to clean up the planet once the government had extinguished self-rule on the planet. According to Morenae, the Greys have no intention of keeping that promise.

The bottom line is that *we*, the people, need to stand up and take over the leadership roles on our planet. I don't know how we will do it, but if we do it together we will succeed. We have to put all the stupid things aside and look at our priorities. What are our priorities? The environment, each other and our children. We have to do this. Somehow we have to do this.

Q: I would like to know if the Andromedans are going to help us, when they plan to do this, and whether or not they will inform us so we could unite in a more uniform effort to overcome the problems we have.

AC: They have actually made that decision by telling all of the extraterrestrial races to be *out of here* by 12th August 2003. Some of the crop circles have been done by the

Andromedans as *messages* to some of the other races that they have to be *out* of here by that time. They have made a decision to intervene. If it is going to be any sooner, I am told that it requires at least 10 per cent of the population to request it. We each have to ask individually, and it has to be at least 10 per cent of the population. They said, "By the time you finish your prayer, we will be here." They want to help, but we have free will. If they just come in without being asked, then they are violating our free will the same way the Greys and Draconians have. They will not do it. It is not the standard they live by.

Q: Do you have any idea how the Andromedans will extract aliens who refuse to leave?

AC: I have no idea, but if there are any *in* the Earth, the only way I personally can see would be to enter in at the poles and force them out, which means it could get really weird here. Could you imagine reptilians running across the interstate highway?

Q: You said that the next 10 years are going to be weird. Is this part of that weirdness, and what else is there that we could expect? You said that they lost Mars, and the Moon doesn't seem to be a good place to go.

AC: Right. The Moon was just a jumping point to colonise Mars. Because of its lack of atmosphere, long-term habitation cannot exist on the Moon—which is why they had to go to Mars. Well, they lost *both* of them, and the world leaders and everybody who made all these deals with the aliens now find themselves in a real problem: they have *nowhere to hide*. They can't skip out of here.

Flights among the Stars

Q: What happens to the individual spirit when it leaves the body? Where do we go?

AC: This is going to stretch your belief systems. I want you to look at the idea that when we cross over and we all 'see the light' and 'meet our loved ones', my understanding is that the physical location of that process would be where the Van Allen belt is. We go there and we are *processed* there. Part of the processing is looking back at our life to see where we withheld love, and then we come back to balance where we withheld love. If they had not messed with the religions, we would have learned this lesson a long time ago.

Q: Could you explain further what the Andromedans said about our ability to project holographically with our minds?

AC: They said that all of our experiences are recorded *holographically*. When you look at me, for instance, your brain is not only recording what you see, but also my *energy field*, the *thoughts* in my energy field, and more. The mind is recording that all the time, and they say that we have the capability to tap into it. Morenae made reference to the fact that the whole universe is changing because *thought* is changing. They are one and the same.

Q: Can the holographic camera you mentioned before just access this incarnation or can it go further back?

AC: It can go further back.

Q: Back to the state of our DNA prior to the removal of the 10 strands?

AC: Yes, and we have this information about that state recorded within our energy field. Everything we have *ever* been is recorded there. Read between the lines, please.

Q: What about the cancer problem?

AC: According to Morenae, part of the cancer problem is genetic. When our physical bodies were created, they put in certain genes to make our bodies grow faster. When they stripped us of the 10 strands, some of the genes they should have taken out they left in. Something in us kicks these genes into gear, and cancer starts to manifest. The vibration of love can cure that.

Intent, Instinct and the Effect of Frequency-Shifting

Q: I am wondering, as we focus our attention on light and love, won't that connect with higher forces that are waiting to work with us?

AC: We are already connected. The thing that they are really looking for is our *intention*. If you could *stop* before you slapped a dog or made whatever decisions in your life, stop a moment and ask yourself, "What is my intention behind this decision?" It is *intent* that created this mess.

We have to take responsibility. So many of us are making decisions based on an automatic response to past stimuli. We are not consciously aware of our intent, nor are we matching the intent with our gut instinct. If you have a gut instinct *not* to do something, *not* to go somewhere, then *don't* do it—and honour it, and honour your Self.

You know these *frequency changes* that are coming? The Andromedan perspective is that those who will be affected the most here on our world will be the *men*. They say that a lot of the men on our world are going to be leaving—*transitioning*. The obituary columns in newspapers will be 10 to 15 pages long.

The reason for this is that the majority of men are full of self-imposed isolation. They have shut themselves down. If they *don't* allow energy to move through their bodies like women do, a lot of men are *not* going to make it. They will have brain aneurisms and heart attacks. If you are not in a space of love, then you are in a space of fear.

Comet Hale-Bopp: Blue Star or Empire Strikes Back?

According to Morenae, Comet Hale-Bopp is a *protocol ship* from Orion. It has four spiral structures on it and carries two moons behind it. When it gets closest to our Sun in early 1997, the two moons will go into orbit with Mercury. Our government is going to make a "They're here!" public announcement. They are *not* here to help us. They are here to make sure control is maintained.

Change is coming, and you should get ready for it. We are running out of time, but we can do it. We can do it *ourselves* and we can be proud of the fact that we can do it. When UN helicopters start flying, don't turn on each other: this is exactly what they want you to do.

Q: What I understood you to say before was that *evil* is a function of our own *beliefs*, and that *matter* is a function of our beliefs. Do I have that right?

AC: Yes, sir. So, *everything* is a belief system. So, what is the

"The Andromedan perspective is that those who will be affected the most here on our world will be the men. They say that a lot of the men on our world are going to be leaving—transitioning."

intent behind what we believe? I will go back to what Morenae has said, that it is not so much *what* you believe as to *why* you believe it.

Q: So, if you stand on those two things, there is no matter and there is no evil.

AC: Technically that is correct, but I am not at that level.

The Future: Self-Responsibility and Self-Determinism

Q: I see a parallel in a lot of belief systems, and I wonder if it is a part of the overall historical world programming. Basically, the New Age people think there is going to be a transition into a new consciousness, like you are talking about. I see the same kind of mechanism in the Christian belief system, in terms of "the rapture". I see a lot of people involved with the UFO material thinking, "They are coming down to save us." There are four or five different versions of this, depending on what state of consciousness those groups happen to be in. Basically, to me, the message is, "Just lie down and let the tanks roll over you." It is to deflect one away from personal responsibility. Do you have any thoughts on that?

AC: Yes, sir, I do. I once asked Vissaeus to give me a 'definition' of our future and what it is going to be. He said that he couldn't tell me; that it all involved *probabilities*. I said to him, "Then what can you tell me?" He said, "Well, I *can* give you a definition." This is the definition of where we are supposed to be going—and he says that we *will* reach this point: responsible freedom of self-determination, becoming truly self-confident and free to be unconditionally responsible for oneself without being coerced into accepting some higher authority. What we are looking for, we already *are*.

As far as wanting to be saved is concerned—and I know this is a real touchy subject—if you want to be saved, that's fine. But, between now and the time you *do* get saved, *be responsible* for yourself and teach your children to be responsible for themselves. We are supposed to become a race of *leaders*, not a race of *sheep*. We are supposed to be *chiefs*. That is what they teach their people. Nobody falls behind; we all evolve together.

The children are supposed to be taught everything that we know and more. Nothing is supposed to be withheld from children, because they are the next level of consistency. I can't believe what they are 'teaching' children in school today. They are teaching them nothing. *Nothing*. They can't solve any problems for themselves. They are being taught *what* to think so they can spit back facts, like a computer. They are not being taught to *think for themselves*. Folks, we *owe* it to them to teach them how to think for themselves. Schools are just babysitters. In the Andromedan system, the people who are held in the highest regard are the *teachers*, because they are the ones who affect all the future generations. Here, half of the teachers are starving.

We are doing this thing backwards. We are going to have to make changes, and we're the ones who are going to have to do it—whether it's home schooling or going to Washington, firing everybody and starting all over again.

The Andromedan Perspective on Biblical Matters

As far as the 'saviour' scenario is concerned, I have been told that it has been put into our belief systems to *disempower* us.

Now, this is touchy, so I am just going to share with you what they have said. And I am going to 'pick on' the New Testament, and I apologise. Again, I am not trying to offend anybody. I am just sharing information that they have given me. This is *their* perspective.

Most of the Old Testament, especially *Genesis*, consists of *pirated* versions of Chaldean texts that were constructed in 651 BC. The being we have been taught was one person, Moses, was in fact *two* people. One of them was Moab, a Chaldean chief, and the other was Prince Sesostres of Egypt. The authors, in 651 BC, put the two together and created a composite character. So, it is not what it appears to be.

When we get to the New Testament, the nine Epistles of Paul were apparently brought from India by Apollonius of Tyrana. The four Gospels were obtained by Harriman Armandi in India. They were Hindu in their original form, written by Apollonius who was also known as Paul the Apostle.

The being whom we know as Jesus did in fact live. He was crucified. But, according to the Andromedans, he did not die then but lived out the rest of his life and died at Masada in 64 AD. Now, I don't know about all of this; I wasn't there.

They also say that the last version of the Gospels and Epistles was translated by Euphilus, a Catholic bishop, and that the original books in their original form are at the University of Uppsala, and are called the *Codex Argentinus*. The original handwriting is in Sumerian. That is all I know, and, again, that is *their* perspective.

Q: What about Adam and Eve?

AC: It was a *tribe*, not just two beings, according to the Andromedans.

Q: The idea that Moses may in fact have been a composite character doesn't seem to detract from the idea that 'he' was in the right place at the right time and was able to be a leader.

AC: You are absolutely right. Now, where is the best place to hide a lie? Between two truths. You change it just enough so you can't put the pieces together. Remember, this

"In the Andromedan system, the people who are held in the highest regard are the teachers, because they are the ones who affect all the future generations. Here, half of the teachers are starving."

whole thing is about self-responsibility, self-rule and self-choice. They have altered the truth just enough that it has kept all of us holding back, waiting and waiting—lifetime, after lifetime, after lifetime.

Here we are, making a decision to hold ourselves back because we are waiting for someone to come and *save* us. It isn't going to happen. They say it just isn't going to happen. They don't want to come in here and 'save' us because they don't want to babysit; for if something 'happened', we could always blame *them*, and the cycle would start all over again.

We don't have time: the Earth is sick. We have no other place to go. I know this is not the answer you want to hear. It's not the answer *I* want to hear, because it means I really have to bust my ass to fix my life. But I don't have a choice. It's just the way it is.

Q: But there is a saving reality. There is the truth that brings people the challenge to grow internally to be able to keep up when the planet goes into fourth and fifth dimension. It puts a great responsibility upon us as individuals.

AC: Right. Now, let us assume that Jesus is a reality. Jesus did say, "Ye shall be greater if ye shall have faith." There's a profound message in that. "These things I do, ye shall do greater if ye have faith." There is a profound message there. Please don't ignore it. You are *awesome*. Every one of you is awesome.

The Next Ten Years from the Andromedan Perspective

Now, I want to share what is going to happen in the next 10 years, according to the Andromedans. We shall see:

- 1) Scientific proof of dimensions and Higher Self consciousness.
- 2) Scientific proof and demonstration of reincarnation. (I can see where that might lead us. Everyone will start running to Buddhism and say, "This is the way!")
- 3) Acknowledgement of life elsewhere in the Universe.
- 4) Extraterrestrial contact with at least nine different races.
- 5) Introduction of clean free-energy devices based on magnetic fields.
- 6) Knowledge that the Earth is hollow and capable of sustaining life within, and knowledge of a city within, called Kalnigor, that was originally built by Lyrans.
- 7) Rediscovery of the lost lands of Atlantis.
- 8) Discovery of a large temple complex in the Pacific, 150 miles south of Easter Island, that belonged to Lemuria. The Russians already know it's there.
- 9) Knowledge that what we see in the 'physical' is a holographic imprint created and directed from a higher portion of ourselves.
- 10) Knowledge that human consciousness is not in the brain, but is located entirely in the energy field and aura surrounding the physical body.
- 11) We shall have the realisation on how our past and present educational processes have not prepared us to be creative and conscious thinkers.
- 12) Organic life does exist on seven planets and 15 moons in our solar system.
- 13) The general discovery that each of us is a part of the Whole, and that we are a significant part of the idea that we call "God", and that "God" is the idea called "Love".
- 14) This accelerating self-discovery being experienced was created and activated by all of us.
- 15) We, as a product of extraterrestrial genetic manipulation, are possessors of a vast gene-pool consisting of many different racial memory-banks, also consisting of at least 22 different races. Because of our genetic heritage, and because we are spirit, the benevolent extraterrestrial races actually view us as being *royalty*! Now, that has to be the best-kept secret in the solar system! At least on this planet, anyway. They actually consider us royalty—all of us.

The 'Anti-human' UN Biodiversity Treaty

You know, my wife and I talk a lot about this work. It's really easy just to do nothing, to hide. But we want to start a family, and

if I do nothing and allow this charade to go on, there is a chance that our child will not have the opportunities that we have had—not that it has been easy.

Our forefathers, who were rich men, sacrificed everything because they saw a pattern of *tyranny*. History is repeating itself over again. When you drive home tonight, you should count your blessings because you don't have to pass a checkpoint and show your ID like they do in some other countries.

Two hundred years ago, the United States changed the consciousness of the world. Today, because of the liberties that we have, we are under attack. Please don't take what we *do* have for granted. The easiest way for them to get to us is *economically*. Some time ago, credit card debt in the United States reached *US\$1 trillion*. If you look at all the public and private debt, coupled with the Federal debt and all the rest owed to other countries, all of us have on our back at least a *US\$60-trillion debt*. Now, I am a former CPA and I know numbers. There is *no way* to pay back all of this. The reality is, though, that we *can* change all of this.

I want to read two lines to you from this "Protecting Yellowstone" piece. They say, "in the UN Global Biodiversity Assessment vision of reality, human beings are just *one* strand in Nature's web, having no more rights than any other creature". Does that sound like a human being wrote that? Now think about it. It says that a human being has no more rights than any other creature. Now, it's one thing to live in harmony, but are you going to tell me that an ant or cockroach has the same consciousness as you and I? No. But they want to lump us all together.

Humans Shackled by Lack of Vision

We received a tape that talks about the Gunderson Railroad Company in Oregon getting a contract to build 107,200 railroad cars that have 143 sets of shackles in each one. I have done some checking, and it's an absolute reality. So, they intend on transporting 15,000,000 people in these train cars.

You have to end the denial. If you believe nothing else about the ETs—and I am telling you with all of my heart—they are behind all of this. The regressives are into *control*, and the only way you can control is to *dominate*. Now, if there is a planet that has *self-rule*, you are not in control of it. There is no mystery to this. But, because we are who we are—sons and daughters of God who have been given free will—they have to *coerce* us into giving up our free will.

Religions, which *have* had a positive effect as far as unifying people and supplying a basic foundation of values, are now being used to control and manipulate. According to the Andromedan perspective, we have outlived our religions by 450 years. Instead, more and more religions are popping up everywhere, and all it is doing is dividing us.

There is no common vision. Indecision married with a lack of vision—that is where we are now as a race. This does not mean that somebody has to come forward and say, "I've got the answer, so all of you follow me." I don't know about you, but that doesn't work for me. It has already been tried and it was a disaster. The world is no better than it was 2,000 years ago. All they do is kill the teachers, and then it's business as usual.

But, if we *all* stand up and say, "Hey, we are going to do this together," and we make a leap of faith in each other, and even for a week just *trust* each other, maybe we can make a change here. But we are the ones who are going to have to do it. The people at the top sold us out a long time ago, and they are so petrified that they even lie about lying.



Ten days before Kennedy died, he said, "the Office of the Presidency is being used to subvert the rights of the people, and it is my right to tell them"—or something like that. In 1978, Congress admitted during hearings that there probably *was* a cover-up, and then they sealed the records for another 75 years! If "Oswald did it", then why the cover-up? Why seal the records? Because everybody who was involved is still alive. If we knew the truth, what would happen?

If we are Eternal, then what's the Fear about?

All *matter* is changing because all *thought* is changing. The Andromedans have said this, and we talked about it yesterday. During a period 357 years in the future, there is tyranny in our galaxy. It's not going in the right direction. We are supposed to become more social and more free—not more imprisoned and more suppressed. It begins with *us*.

Freedom of speech and freedom of the press are almost a joke today. That is why the government is trying to come down on alternative newsletters—because they are telling you truth. That's why they want to shut down the Internet, because it is growing so fast that people are waking up.

World governments are getting flak from the ETs. The only reason that these aliens can be here is because they feed off *fear*. It is the only power they have over us. We are *souls*. We are *spirits*. We are *eternal*. Every religious book tells you that, so what's the *fear* about?

Belief Systems and the Creation of Physical Reality

Let us pretend for a second that I start a rumour that my cat Sam can talk. Some people believe this, and for them it becomes a reality. Now, because they believe it, they are focussing their *intent* on the fact that Sam can talk. Now, my cat can't talk. Generation after generation believe that Sam talked, because they propagated the belief system that Sam could talk.

Morenae and Vissaeus have said that because of our ability to create physical reality with our thoughts and belief systems, we are literally going to play out the *Book of Revelations*. We are literally *calling* it to us. I know that some of you have a hard time with this, and I apologise. I am not here to burst your bubble. I am here to offer a perspective. That's it. I am not here to take you out of your comfort zone. I am here to *share*, because this is a burden I carry. They say that we are literally going to *fulfill* it. But, *we don't have to*. We don't *have* to create earthquakes. There are going to be some; but it doesn't have to be to the degree we believe it will be. We don't have to create a Third World War or even allow it. Bosnia is just the start of it. The killing of Rabin in Israel is only part of what's coming. I want you to be crystal-clear on this: it is all being manipulated to *distract* you. So, what have you done about it?

The Earth, according to the Andromedans, is a *living entity* and has decided it is going to evolve to fifth density. In other words, as an organism, it has chosen *survival*. The Earth has pockets of negativity inside of it because of its history. Volcanic eruptions can be considered metaphorically as the release of blockages. The

Earth is sick and has taken a beating.

You have the masses on the surface participating in the creation of *fear* because we are buying into the belief systems we are being fed in the media. We are told of the "second coming", catastrophes that are coming, etc. Now, fear is not *love*. It carries an entirely different frequency. In fact, fear is an extremely low frequency. Here we are, creating all of this. People are getting very sick physically. There are viruses spreading; many of them have been deliberately created.

My understanding is that the oxygen level in the atmosphere of the planet is less than 18 per cent. It is approximately between 16.5 and 17.7 per cent at any time, anywhere on the planet. This is significant. I want you to know that 3,500 years ago, the oxy-

gen level was 35 per cent. In order to survive, the human body needs to breathe an atmosphere that has at least 15 per cent oxygen content. That is basic biology. The Andromedans say that unless we change our ways of behaving, with all of the industrialisation and what we are doing to the planet, we have *less than 40 years* of oxygen left.

Personally, I thank God that this new colour-sound frequency is emanating from the black holes. Thank God that God has stepped in, because we'd be in a lot of trouble.

Yes, free energy has been withheld from us. We have been lied to, cheated and manipulated. If you go back to the 1960s and look at the peace marches about nuclear energy, etc., and look at the environment now, you will see that it has only got worse. The governments are going to try to use this against us. They are going to try to blame *us* for the result of *their* greed that has propagated this problem.

What did we do? We made fun of the hippies and people who participated in peace movements. We treated them as a bunch of crackpots. Now, if you look back, you can see that they were

right. We have over 150,000 nuclear weapons on this planet, with plutonium that is deadly for 12,000 years. Where are you going to put that stuff? We all *know* this, but we do nothing and walk the path of convenience. We've all been trained like good little sheep to walk the path of convenience.

Money is a useful tool to create freedom, but it is not God and it is not master. You are about to find out. At most, we have 18 months. I think it would be lucky for the economy to stay together that long. I don't foresee that. The fact that they want to begin to change the currency in February 1996 means you should expect an economic collapse in April 1996. They would then do a recall of all old currency, and you might have one currency in use. It will get even weirder after that. We are being very carefully led down this path.

Earth Changes from the Andromedan Perspective

1) Between June and October 2003, there is a strong probability that we will wake up one morning and the Moon will no longer be there. The Moon is in fact an artificial satellite and there are many, many bases on it.

2) Between 2003 and 2007, the benevolent races are supposedly going to be all around us. We will see them, but they will not

"The Earth, according to the Andromedans, is a living entity and has decided it is going to evolve to fifth density.

In other words, as an organism, it has chosen survival."

interfere. They want to see how we interact with each other without manipulation. They want to see if we continue the same behaviour, because they do not want to come down here and compound the problem or babysit. We don't need a babysitter. We need the *truth*, and we have to have the guts to stand up and ask the questions and keep asking them until we get the answers. We all have to do it, because if we all stand together we can't lose. On the other hand, if they are successful in dividing us, we're toast. Divide and conquer. Divide and conquer. How many stories in history do you have to see? We can't be divided and expect to remain as one. It doesn't happen.

3) Between 2004 and 2007, all of our DNA coding—which involves all the racial memory of the 22 races our DNA is composed of—will unlock. By 2007 we will have full memory of who we are, where we came from and what we want to do. We will know what our soul lessons are and our reasons for being here.

4) Between 2007 and 2012 we are supposed to see the birth of a galaxy in Vega, just before we move into fifth density.

5) Between 2007 and 2009, if it is allowed to happen *naturally*, we are supposed to have a 17-degree pole shift. Saudi Arabia is supposed to become the new North Pole, which is great—bury those oil fields nice and deep! We will have *free energy* by then, anyway. North America is supposed to be on the Equator.

6) By the year 2000 we are going to hear more and more reports of 'ghosts', because what is happening is that the frequency—which is God—which will be hitting the planet will be raising the vibration. Third and fourth density will be getting closer together as third density starts to implode. What this means is that the molecules in our bodies will begin to speed up. We are not dead matter. We will be passing out of third and into fourth on our way to fifth density, and passing all the consciousness that has *not* evolved or *chooses* not to.

7) There is a possibility that, between 1996 and 1997, one-third of Japan is going to sink below the ocean. [Response from audience member: "I just got a report from a friend of mine who came back from India, that Sai Baba, on his 70th birthday, advised a Japanese group there to leave Japan."] The Kobe earthquake was *manufactured* because the Japanese Government will *not* sell out its people to the New World Order. They will *not* make their people take an implant. They are being made an example of. Economically the Japanese are tough, but they don't turn on their own people.

8) There is a high probability that in July 2003 we will also have a *magnetic* pole shift—the first one in 4,671 years. This will impact on all electromagnetic devices on the planet. Animals will be lost. It will throw off everything.

9) Between 1996 and 2012, some of us on the planet are going to be fluctuating between being optically visible and non-visible on a physical basis; fluctuating between dimensions. There are five individuals on the planet who do this already. Many of them will be children who will reveal what they have learned during their fluctuation in order to try to help their parents get there.

"They want to see how we interact with each other without manipulation. They want to see if we continue the same behaviour, because they do not want to come down here and compound the problem or babysit. We don't need a babysitter."

Many children born today already have *three* strands of DNA. I am told you don't need the other strands. All we need is one more and it's all happening. It's happening *naturally*. If you open yourself up and allow *free* movement of love in your life, it will happen within you. If you restrict yourself, hold yourself back and move into denial, you will be suppressing the energy that is coming in and you will create disease. This is going to affect the men more than the women. The male thought-pattern of being logical is past. It is time to try something different.

Q: Do you mean that the men are going to have to express their 'womenhood'?

AC: Yes, that's exactly what I mean. They are going to have to move out of the masculine-dominated world role and into a more *nurturing* role, not only with Self but with everyone else. It will be a tough lesson for men because of all the out-of-balance role-models they have been exposed to and had to put up with. They need to be more in balance. We have to make the effort. Again, it comes down to *intent*.

10) We are going to have to become more responsible and exercise our free will because there are going to be Earth changes. People who live on coastal areas have a problem. The oceans are going to rise at least 200 feet between 1996 and 2008. The ice cap at the South Pole is going to slip. The ocean will not reach Denver, Colorado, but will get as far as Lake Mead in the West. Most of the east coast will be alright except for areas in Florida and an area in Georgia. The panhandle of Texas will be under water for two years.

11) Around 2011, our Sun will undergo a 180-degree pole shift. It is literally going to turn on its axis.

12) All of the continents which border the Pacific will be affected by tidal waves because of eruptions of volcanoes in the ocean. The French nuclear test in December '95 created a *seven-mile-long*

crack in the crust at the bottom of the ocean. These people are *crazy*, folks; absolutely crazy. We know how to destroy ourselves. We have that down to a science. We don't need to be testing these. We can't use them anyway.

13) Within the next 10 years, the major cities in the United States will be under *quarantine* because of the spread of tuberculosis. The average life-expectancy of men in the inner city will be 43 years of age; for women it will be 55. You are going to see the end of welfare, free medical, county services, etc., because everybody will be *bankrupt*. Again, this is *all by design*. Many people will be moving out to communities outside cities, growing their own food, and having their own private police forces. So, those of us who make these choices are going to be stepping back into the 1800s—horses and buggies. And, hopefully, free energy.

Continued in the next issue of NEXUS...

The bimonthly newsletter, *Letters from Andromeda*, is available from Jon and Deborah Robinson, 289 S. Robertson Blvd, #212, Beverly Hills, CA 90211, USA. Subscription cost in USA is USD\$19.98.



BRAZILIAN MILITARY IN ALLEGED ALIEN COVER-UP

Varginha, a small town in the state of Minas Gerais, Brazil, has become famous overnight because of something other than its excellent coffee. Local people are now celebrating the four-month anniversary of the most extraordinary close encounter with extraterrestrials ever to be registered in the country.

On Saturday 20th January at 3.30 pm, a sunny and bright afternoon, three girls were coming down a narrow path in the area known as *Jardim Andere*, two kilometres away from the city centre, when one of them, Liliâne Fátima Silva, 16 years old, looked left and screamed. She saw a strange creature with slippery brownish skin and what looked like three small, rounded horns protruding from its head. It was about seven metres from the point where they were standing, and near the back wall of an old garage.

"He was squatting, with his long arms between his legs," the girl said. "The first thing to call my attention were his eyes, huge and red." Terrified, Liliâne turned her back while her sister Valquíria, 14 years old, and their friend Kátia Andrade Xavier, 22 years old, stayed looking at the creature, unable to move.

"It was not an animal and it certainly wasn't human. It was a horrible thing!"

said Kátia, who works as a maid and has three children.

"He seemed stupefied. He didn't make any noise," said Valquíria. But then the creature made a small movement and the three girls ran for dear life.

Forty minutes later, Liliâne and Valquíria's mother, Luiza Helena, 38 years old, arrived at the place to find out what had scared her daughters so much. She found nothing.

The story has been widely publicised because, apparently without knowing about the incident involving the three girls, an elderly couple, Oralina Augusta and Eurico Rodrigues, who work as farmhands, insist on having seen a UFO very early in the morning on 20th January. They were sleeping in their house which is located near the road which goes from Varginha to Três Corações when they woken by the noise made by the cows. They looked out of the window to see the animals totally disoriented and running around the house.

"We looked at the sky and saw a grey object, similar to a submarine, the size of a small bus, flying very slowly over the ground," Oralina Augusta described. "There was something like white smoke coming out of it. There were no lights and it wasn't making any noise." Local people immediately associated this spaceship with the ET who appeared 14 hours later.

The day after, Ubirajara Franco Rodrigues, a ufologist and a lawyer who teaches at one of the four colleges in Varginha, started investigating the incident. Mr Rodrigues has been studying UFOs for over 20 years and he says that only one per cent of the so-called UFO sightings are authentic. For him, the Varginha episode is the exception which confirms the rule. "What these women saw was, without any doubt, an alien creature," said Rodrigues. After his investigation he also concludes that at least two EBEs (extraterrestrial biological entities), not just one, were seen in town on 20th January.

Since then, a great number of ufologists have visited Varginha. To be more precise, 66 specialists have been to the city to investigate the event.

"It is certainly the most extraordinary thing we have ever heard about, and we have lots of registers of UFO apparitions," said Claudeir Covo, an engineer who is the President of the *Instituto Nacional de Investigação de Fenômenos Aeroespaciais (INFA)*.

Dr John Mack, a Professor of Psychiatry at Harvard Medical School, is a specialist in research with human beings who have been in close contact with ETs. He travelled all the way from the US to Varginha to do a series of interviews with the three women who said they had seen the alien.

The repercussions of the episode have reached beyond the specialists in UFOs. The most popular Brazilian TV program covered the subject three times in less than two weeks, and the mayor of Varginha is considering the possibility of organising an international congress.

But before such an event, the ufologists working there intend to finish their investigation which has already lasted four months and which points to the Army as the party responsible for *capturing and hiding* at least one of the two aliens who are supposed to have been seen in Varginha.

In a report signed by 10 different organisations, unveiled is "a real, complex operation, involving military personnel as well as civilians, which resulted in the capture of unidentified biological creatures. These creatures, according to these organisations, "were kept under medical observation for some time and later on removed from the city."

Apart from Ubirajara Franco Rodrigues, another ufologist, Vitorio Pacaccini, 31 years old, has travelled to the area over the past few weeks. Both specialists swear to have listened to 14 witnesses of the ET episode, among whom were four people from the Army. But they refuse to reveal any names or evidence apart from a photograph of a supposed interview with one of the officers or soldiers who would have participated in the operation.

The ufologists insist that an alien was captured by four firemen at 10.30 am on 20th January near a wood which is located a few metres from the place where Liliene, Valquiria and Kátia would have seen their ET. This would have been about five hours before the girls had the fright of their lives.

According to the ufologists, the alien was immediately placed inside a wooden box, covered with a white cloth, put inside an Army truck and taken to the *Escola de Sargentos das Armas* in Três Corações, a bigger town about 25 km from Varginha.

The day after, still according to the specialists, another ET was seen at the *Hospital Regional* in the city centre, and this time, yes, it would have been the same

alien seen by the three girls.

In an operation involving military personnel from the *Escola de Sargentos*, officers from the military police and the fire brigade, the ET, according to Rodrigues and Pacaccini, was taken before dawn on Monday 22nd January to the *Hospital Humanitas*, the best hospital in the area, 1.5 km from the city centre.

At about 6.00 pm on the same day, the ET, already dead, was taken back to the *Escola de Sargentos* in one truck which was part of a convoy of three vehicles.

was directly involved in the operation. He describes in detail everything that happened during those days," added Mr Pacaccini. In the 42-minute recording, this person says that decomposition had already begun and, when the corpse left *Hospital Humanitas*, the smell was pretty bad.

The Army, of course, has denied everything. The mouthpiece for the East Military Area, Colonel Luiz Cesario da Silveira Leite, has said that no military personnel of any kind helped capture an alien. "We worry a lot about national and international beings, but only if they are terrestrials," said the Colonel to the reporter. The Colonel has also classified as "exaggerated" all the connections between the ET and the Army.

"What the ufologists say is ridiculous," said General Sérgio Pedro Coelho Lima, the commanding officer of the *Escola de Sargentos*. According to him, the Air Force is the military organisation which looks after extraterrestrial phenomena. The *Centro Integrado de Defesa Aérea e Controle de Tráfego Aéreo (CINDACTA)*, located in Brasília, has a dossier about UFOs.

"It is true that there are lots of cases which remain unsolved to this day," confirmed Brigadier Cherubim Rosa Filho, a Minister of the Military Supreme Court.

One of the most famous cases involving an ex-minister was confirmed by Brigadier Otávio Moreira Lima (the Minister for the Air Force at that time) and is now celebrating its tenth anniversary without any conclusive facts.

But what makes the Varginha episode unique are some of the details which are only now becoming known to the public and which intensify the whole mystery.

Luiza Helena, mother of Liliene and Kátia, the girls who insist having seen the ET, has claimed that at the beginning of this month [May], four men wearing suits came to her house and offered to pay a large sum if her daughters denied their contact with the alien.

"They said they would pay cash," said Luiza. "They also said they would come



Artist's impression of the 'captured' ET, seen on the cover of Brazil's UFO magazine, published by CBPDV.

The same convoy left the school in Três Corações at 4.00 am on Tuesday 23rd January. Its destination, Campinas (a much bigger city upstate from São Paulo), where the 'cargo' was delivered to another military unit, probably the Army Cadets' Prep. School.

"All this operation was coordinated by Lieutenant-Colonel Olímpio Wanderley Santos," said Mr Rodrigues. "We have the testimony of an Army officer from the *Escola de Sargentos* in Três Corações who

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back, but we can't hide the truth."

The four men did not identify themselves, and only the girls were present when they arrived. Their father, João Lopes da Silva, a bus conductor, was working when the attempted bribery happened.

The coincidence between these facts and what the ufologists have discovered was only publicised last week.

The administrator of *Hospital Regional*, Adilson Usier Leite, has confirmed that the week after the appearance of the supposed ET, the two city hospitals went through unusual commotion. In the *Hospital Regional*, a car belonging to the fire squad brought in a corpse which they said had been exhumed and needed an X-ray. The body was said to be that of a young boy, a university student and son of an influential family in town, who had been found dead in a cell at the police station after having been arrested for burglary. At the *Hospital Humanitas*, also administered by Mr Leite at the time, the unusual movement was connected with the arrival of new equipment to be used during the first heart transplant to be done in Varginha.

"When everybody started talking about this ET story, I thought it would be better not to mention that policemen and firemen had been at the hospital," said Mr Leite.

But the ufologists are not convinced. They insist they are telling the truth when they say that, instead of new equipment or a special criminal occurrence, both hospitals in town as well as the fire brigade were trying to hide the body of an ET. And they go further.

Last Tuesday, Mr Rodrigues and Mr Pacaccini went back to Varginha after having been to Campinas.

"We know without any shadow of doubt that the creature was autopsied by Dr Badan Palhares," said Mr Rodrigues, referring to the very well-known Coroner of the *Universidade de Campinas*. "By now, it is very likely that the body has already been flown from Brazil to the USA," finished Mr Pacaccini.

"I don't know where this idea came from," denied Dr Palhares in Campinas.

Brazilian Ufologists Release Public Report on the Varginha ET

After more than three months of intensive investigation, Brazilian ufologists, listed here with the organisations they belong to, have no doubts of any sort that what happened in Varginha in January 1996 was a gigantic cover-up operation, involving military personnel and civilians, which resulted in the capture of biologically unidentified creatures. These creatures were kept under medical observation and later on were removed from the town.

This is a unique event in Brazil with unimaginable repercussions, both scientific and philosophical. However, ufologists all over the world have come to the consensus that in countries where these events take place there is a widespread tendency for them to be hidden from the public.

Ufology has been fighting for over 50 years to make sure the general public has access to information about such events, since the right to have access to the truth should be unquestionable for all humanity.

If you are a direct or indirect witness to the Varginha episode, get in touch with us, as this event may have enormous significance for all mankind. Be assured, your anonymity will be preserved.

Researchers, journalists and specialists are united in this task. Our contact telephone number is: +55 (0)35 222 1020, Varginha, Minas Gerais, Brazil.

• Claudeir Covo: *Instituto Nacional de Investigação de Fenômenos Aeroespaciais*.

• Edison Boaventura, Jr, and Jamil Vilanova: *Grupo Ufológico do Guarujá*, São Paulo.

• Oswaldo and Eduardo Mondini: *Centro de Pesquisas Exológicas*, Sumaré, São Paulo.

• *Centro Brasileiro de Pesquisas de Discos Voadores e Revista UFO*, Campo Grande, Mato Grosso.

• Marco Antonio Petit de Castro: *Associação Fluminense de Estudos Ufológicos*, Itaipava, Rio de Janeiro.

• Rafael Cury: *Associação Nacional dos Ufólogos do Brasil*, Curitiba, Paraná.

• Irene Granchi: *Centro de Investigação Sobre a Natureza dos Extraterrestres*, Rio de Janeiro.

• Marco Antonio Rodrigues Silva: *Grupo de Estudos de Objetos não Identificados*, São Paulo.

• Vitorio Pacaccini: *Centro de Investigação Civil de Objetos Aéreos Não Identificados*, Belo Horizonte, Minas Gerais.

• Ubirajara Franco Rodrigues: *Centro Brasileiro de Pesquisas de Discos Voadores*, Campo Grande, Mato Grosso.

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Translation by Regina Guimaraes (reginag@originet.com.br). To subscribe to *AUFORA* News, Information, Facts from the World of UFOlogy, send e-mail to: watanabe@acs.ucalgary.ca

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AUFORA News web page: <http://ume.med.ucalgary.ca/aufora/news/news.html>

Downloaded from: <http://www.parascope.com/nb/brazil.htm>

[Note: It has just been confirmed that A. J. Gevaerd, Editor of *UFO Magazine* in Brazil and Director of the Brazilian Centre for Flying Saucer Research (CBPDV), will be speaking at the Australian International UFO Symposium in Brisbane, Qld, on 11-13 October. See ad in this issue. Contact Glennys Mackay on +61 (0)7 3849 6450.]





REVIEWS

BOOKS

Reviewed by Ruth Parnell

TOWARDS A NEW ALCHEMY:

The Millennium Science

by Dr Nick Begich

Published by Earthpulse Press (1996),
Alaska, USA

ISBN 0-96488122-2-5 (184pp, s/c)
Price: AUD\$25.00 inc. p&h; NZD\$34.00 +
p&h; STG£15.50 + p&h; NFL\$30.00;
USD\$14.95 + p&h

Available: **Australia**—NEXUS Magazine,
PO Box 30, Mapleton, Qld 4560, ph (074)
42 9280, fax (074) 42 9381; **New**
Zealand—NEXUS Office, PO Box 34735,
Birkenhead, Auckland, ph (09) 416 7320,
fax (09) 416 7340; **UK**—NEXUS Office, 55
Queens Rd, East Grinstead, W. Sussex,
RH19 1BC, ph 01342 322854, fax 01342
324574; **Europe**—NEXUS Office, PO Box
372, 8250 AJ Dronten, The Netherlands, ph
+31 0321 380558, fax 0321 318892;
USA—Adventures Unlimited, PO Box 74,
Kempton, IL 60946, ph (815) 253 6390, fax
(815) 253 6300.

Although the title gives little indication,
Towards a New Alchemy is about the
remarkable life and work of Dr Patrick
Flanagan, an extraordinary scientist and
inventor with extraordinary personal attrib-
utes. Born in 1944, he was a child prodigy,
and his continuing achievements already put
him at the forefront of new millennium sci-
ence. His story is truly inspiring.

NEXUS readers may already be familiar
with Flanagan's innovative Neurophone, and
the more recent Microclusters which he
researched and developed with his wife, Gael

Crystal (see NEXUS 2/18 and 2/23). This
book expands on these and highlights other
technologies from biocosmic energy
receivers and electronic telepathy devices, to
speed-learning and inter-species communica-
tion techniques, holographic projection and
other breakthroughs which are opening up
enormous possibilities and human potential-
ities for the future. Reprints of several
Flanagan patents, including the Neurophone
and the Electron Field Generator, are includ-
ed for the benefit of serious researchers.

Dr Nick Begich is co-author of *Angels*
Don't Play This HAARP, to which Patrick
Flanagan contributed his views about the
devastating potential of this high-frequency
ionospheric probe.

THE JESUS PAPYRUS

by Carsten Peter Thiede and

Matthew d'Ancona

Published by Weidenfeld & Nicolson

(1996), London, UK

ISBN 0-297-81658-6 (207pp h/c)

Price: AUD\$34.95; NZD\$44.95;

STG£16.99; USD\$23.99

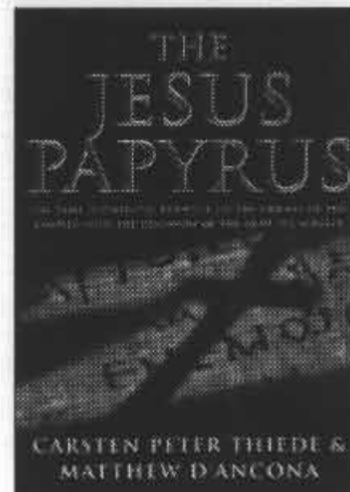
Available: **Aust**—Dist. by Allen & Unwin,
ph (02) 9901 4088; **NZ**—Dist. by Hodder
Moa Beckett, Auckland, ph (09) 478 1000;
UK—Orion Publishing Group Ltd, ph
01903 721596; **USA**—Dist. by Doubleday,
New York, ph (212) 354 6500.

When German papyrologist Carsten Peter
Thiede visited Oxford, England, in late 1994,
he came across three fragments of a papyrus
on display at Magdalen College. The frag-
ments, consisting of several Greek verses
from Chapter 26 of St Matthew's Gospel,
intrigued him. They were long believed by
biblical scholars to date somewhere from the
mid- to late-second century AD.

After close analysis, Thiede now dates the
papyrus to around 70 AD, and concludes it
must have been a first-hand account, written
during the lifetime of eyewitnesses to the
life, death and resurrection of Jesus Christ.

The Jesus Papyrus is a summary of
Thiede's findings, augmented in partnership
with journalist Matthew d'Ancona, a Deputy
Editor at the London *Sunday Telegraph*.
Thiede argues that the Greek script style was
used only up until the end of the first century
AD, and the format—a codex form with
writing on both sides of the papyrus, rather
than a scroll—was more in keeping with
Christian practices of the first century.

The authors suggest the Gospels may have
had a greater biographical role than we give
them credit for, and thus may be more histori-
cally accurate—and credible—than many
biblical scholars entertain. They inject some
fascinating detail into the often controversial
study of biblical and early Christian history.



REVIEWS



BOOKS

VALLEY OF THE SPIRITS: A Journey into the Lost Realm of the Aymara

by Alan L. Kolata

Published by John Wiley & Sons, Inc. (1996), USA

ISBN 0-471-57507-0 (302pp h/c)

Price: AUD\$39.95; NZD\$51.95;

STG£22.50; USD\$27.95; CAN\$39.50

Available: **Aust**—Distributed by Jacaranda Wiley Ltd, ph (02) 805 1100; **NZ**—Dist. by Jacaranda Wiley Ltd, ph (06) 355 1298;

UK—Dist. by John Wiley & Sons, Chichester, ph 01243 77 9777; **USA**—Dist. by John Wiley & Sons, Inc., New York, ph (212) 850 6000.

Five hundred years before the Incas, the Aymara empire flourished on the shores of Lake Titicaca in the Andes altiplano bordering on Bolivia and Peru. Centred around the city of Tiahuanaco, the civilisation was at its peak between 400 to 1000 AD, although its roots can be traced to at least 2000 BC.

Author Alan Kolata, a professor of anthropology and Director of the Center for Latin American Studies at the University of Chicago, has written *Valley of the Spirits* as a result of 17 years of on-site, multidisciplinary research. In the special relationships he has formed with the region's descendants, he has helped the Aymara Indians reconstruct their past and reclaim their history as well as their traditional farming practices.

Kolata takes us on a journey of discovery into this lost world's myths, symbologies, shamanic beliefs and practices, agricultural techniques, art and architecture. Tiahuanaco comprised a grand array of pyramids, burial mounds, gateways, temples and palaces,

built on sacred lines for ritual purposes for the elite ruling class which was serviced by a rural population. Some of their mortarless building techniques still defy explanation, and pre-date similar Incan styles.

The Tiahuanaco civilisation met its demise, Kolata claims, due to natural catastrophe: a four-centuries-long drought, which started around 1000 AD. Tiahuanaco's past continues to be uncovered and deciphered, thanks to the ongoing efforts of Kolata and other teams on site, and, indeed, the Aymara Indians themselves.

APOCALYPSE 1945:

The Destruction of Dresden

by David Irving

Published by Veritas Publishing Co. Pty Ltd (1995), WA, Australia

ISBN 0-95876021-7 (329pp h/c)

Price: AUD\$35.00 + AUD\$5.00 p&h in

Aust; NZ air add AUD\$17.00; US/Canada

airmail add AUD\$24.00; STG£15.00

Available: **Aust**—Veritas Publishing Co. Pty Ltd, PO Box 42, Cranbrook WA 6321, ph

+61 (0)98 26 8055, fax +61 (0)98 26 8051;

UK—Focal Point, 81 Duke St, London,

W1M 5DJ, ph 0171 499 9409.

World War II's most destructive air raid—Hiroshima and Nagasaki aside—was the Allied fire-bombing of the poorly defended German city of Dresden on 13-14 February 1945. Yet the fact that the firestorm killed between 50,000 and 100,000 people was generally little known until 1963 when David Irving published his first book, *The Destruction of Dresden*. It caused a furore at the time—and controversy seems to have followed this historian ever since.

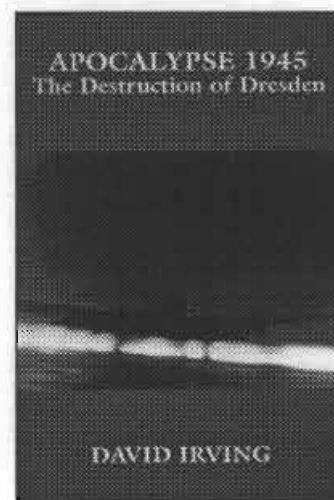
Since the book's publication over 30 years ago, much more information about Dresden's

destruction has come to light—from official sources as well as the personal archives of individuals involved on both sides of the conflict. In view of this, Irving has released a completely revised and updated version of this book under the title, *Apocalypse 1945*.

This edition contains not only important new documents, accounts and analyses, but photographs taken during the three bombing raids on Dresden and in the aftermath where hideous scenes attest to the true horror of war—particularly against unwitting civilians, refugees and even prisoners-of-war who had no chance against the massive onslaught.

In *Apocalypse 1945*, Irving continues his step-by-step unravelling of what really happened at Dresden within the overall historical framework as well as the context of Allied attacks on other German cities from 1943 and those of February 1945.

This is a well-researched, thought-provoking account of a tragic episode in history.





REVIEWS

BOOKS

ENERGY IN THE RED: Living with Chronic Fatigue Syndrome

by Jacqueline Finch

Published by Jacqueline Finch (1995), NSW, Australia

ISBN 0-646-24730-1 (296 pp s/c)

Price: AUD\$25.00 + AUD\$3.00 p&h in Aust; NZ orders add AUD\$5.70 airmail;

elsewhere, add AUD\$9.00 econ. airmail

Available: **Australia**—Jacqueline Finch, PO Box 868, Leichhardt, NSW 2040.

The American Academy of Environmental Medicine estimates that Chronic Fatigue Syndrome (CFS) now affects 24 million Americans, nine million British, six million Canadians, five million Australians, over half a million New Zealanders, and millions more around the world. It's believed that, internationally, 40 in 100,000 people, mostly between the ages of 20 and 40, are affected.

While medical researchers and practitioners are starting to take the illness seriously, the jury is still out on exact causes and cures, but sufferers obviously have no time to waste. In Jacqueline Finch's book, *Energy in the Red*, CFS sufferers and their carers have a welcome, practical resource for improving their quality of life.

A trained general and psychiatric nurse with extensive experience in health education and counselling, Finch gives well-informed advice, particularly as she herself was diagnosed with CFS in 1990. She lists what to look for in identifying CFS—known variously as ME, CFIDS and, erroneously, "yuppie flu"—and gives invaluable hints on how to deal with food and chemical intolerances, manage housework, home life, emo-

tional trauma and pregnancy, whether to exercise or not, and even how to apply for sickness benefits.

The information is slanted towards the Australian reader, but much of the advice is applicable wherever you are. *Energy in the Red* contains some empowering stories from CFS sufferers who are learning to triumph over this mysterious illness.

POWER & PROSPECTS: Reflections on Human Nature and the Social Order

by Noam Chomsky

Published by Allen & Unwin Pty Ltd (1996), Australia

ISBN 1-86448-112-9 (256pp s/c)

Price: AUD\$24.95; NZD\$34.95;

STG£13.99; USD\$19.00 inc. p&h

Available: **Aust**—Distributed by Allen & Unwin, ph (02) 9901 4088; **NZ**—Dist. by Archetype Book Agents, ph (09) 638 7008, fax (09) 638 7007; **UK**—Dist. by Pluto

Press, London, ph 0181 348 2724; fax 0181 348 9133; **USA**—Dist. by South End Press, 116 St Botolph St, Boston, MA 02115, ph (617) 266 0629, 1-800 533 8478, fax (617) 266 1595; InBook, Chicago, ph 1-800 243 0138.

Internationally renowned scholar, author and political activist Professor Noam Chomsky gave a highly acclaimed series of public lectures in Australia in early 1995 at the invitation of the East Timor Relief Association. Chomsky has long supported the Timorese people's 20-year struggle for freedom and justice.

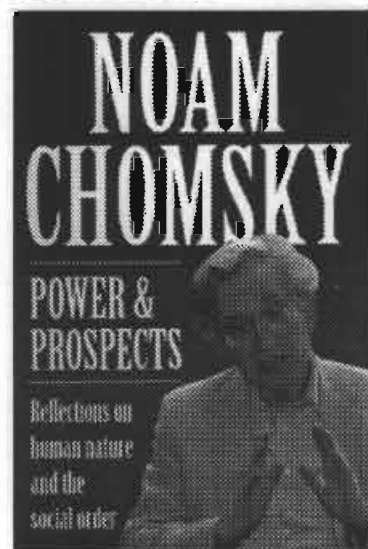
This book, *Power & Prospects*, is based on Chomsky's addresses, though, in some instances, the material has later been expanded upon. He brilliantly covers subjects as diverse as the problems of language and

mind; writers and intellectual responsibility; democracy in the new world order; peace-making in the Middle East; and, as well, the pressing human rights issues surrounding East Timor.

Chomsky presents a rational, biting and detailed critique of the diet of lies that has been fed up to the public as truth, and of the increasingly blatant tendency of the media towards bias in reporting and manipulation of public opinion. He has a keen perspective on world events and exposes the powerful, dark forces at work behind them.

Noam Chomsky reminds us of the importance of human values and social conscience, and that we all can make choices which can make a positive difference in the world.

Power & Prospects is stimulating reading that may well change the way you perceive and react to world news.



REVIEWS



BOOKS

NATURAL PROGESTERONE: The multiple roles of a remarkable hormone by John R. Lee, M.D.

Published by Jon Carpenter Publishing, (1996), UK (first published 1993 by BLL Publishing, USA)
ISBN 1-897766-19-X (127pp s/c)
Price: AUD\$30.00 inc. p&h; NZD\$39.00 + p&h; STG£9.99; USD\$14.95 + p&h
Available: **Aust**—Bio Search 2000, PO Box 7470, Gold Coast MC, Qld 4217, ph +61 (0)7-5574 2006, fax +61 (0)7 5574 2003; **NZ**—NEXUS Office, ph (09) 416 7320, fax (09) 416 7340; **UK**—NEXUS Office, ph 01342 322854, fax 01342 324574; **USA**—BLL Publishing, PO Box 2068, Sebastopol, CA 95473, fax (707) 829 8279.



The groundbreaking work of Dr John Lee in identifying the "oestrogen dominance" syndrome was featured in the "Hormone Heresy" story we ran last issue (and continue in this one). From the favourable response that we and author Sherrill Sellman received, readers and, indeed, many medical and health practitioners, are hungry for more information, so we heartily recommend Dr Lee's book, *Natural Progesterone*.

Dr Lee argues a strong case for natural progesterone, having spent nearly 20 years researching and treating women with hormonal imbalances. He reminds us that its benefits were already well-known long before artificial progestersones, the Pill and hormone replacement therapy were introduced. He criticises the medical-industrial complex for ignoring this natural, plant-derived progesterone because it can't be patented, and for promoting synthetic hormone alternatives that are foreign to human metabolisms.

In clear, concise terms Dr Lee writes about the history of progesterone, the nature of

synthetic progestins and their often damaging side-effects, progesterone in relation to PMS, osteoporosis and cancer, as well as how to use natural progesterone. He also considers the chemicals in food and the environment which mimic oestrogens—something we'll be hearing a lot more about.

As more and more women take responsibility for their own health and eschew treatments they discover to be inappropriate or even dangerous, the medical health system can no longer afford to ignore natural alternatives to synthetic substances.

ETHER-TECHNOLOGY: A Rational Approach to Gravity Control by Rho Sigma

Published by Adventures Unlimited Press (1996), USA (first published 1977)
ISBN 0-932813-34-8 (108pp s/c)
Price: AUD\$25.00; NZD\$25.00 + p&h; STG£12.50; NFL\$25.90; USD\$12.95+p/h
Available: **Aust**—NEXUS Magazine, ph (074) 42 9280, fax (074) 42 9381; **NZ**—NEXUS Office, ph (09) 416 7320, fax (09) 416 7340; **UK**—NEXUS Office, ph 01342 322854, fax 01342 324574; **Europe**—NEXUS Office, The Netherlands, ph +31 0321 380558, fax +31 0321 318892; **USA**—Adventures Unlimited, ph (815) 253 6390, fax (815) 253 6300.

This underground classic, first published in 1977, has now been reprinted and is a must for anyone interested in free energy, anti-gravity and UFO propulsion. Rho Sigma's commentaries about the role of suppression and neglect throughout the history of sci/tech research are still relevant today. Indeed, the development and introduction of new forms of energy production continue to be delayed or stymied—no doubt because they continue to threaten certain vested interests.

In *Ether-Technology*, Rho Sigma presents some of the 20th century's groundbreaking international research into gravity control and discoid craft propulsion. The backdrop to this research, of course, is the study of the concept of the ether which came to be known as the quantum field.

Theoretically, energy can be drawn from a unified field of magnetism, electricity and gravity to propel a craft through space. Researchers like T. Townsend Brown and John Searl have demonstrated just this. Rho Sigma highlights their stories and those of other notable researchers in their quest to find the 'holy grail' of free energy. Their ideas, experiments and experiences are still an inspiration for today's researchers.

Rho Sigma also features some fascinating prophetic insights from seers such as Edgar Cayce on future free-energy technology as well as Earth changes. Required reading for new-science enthusiasts.



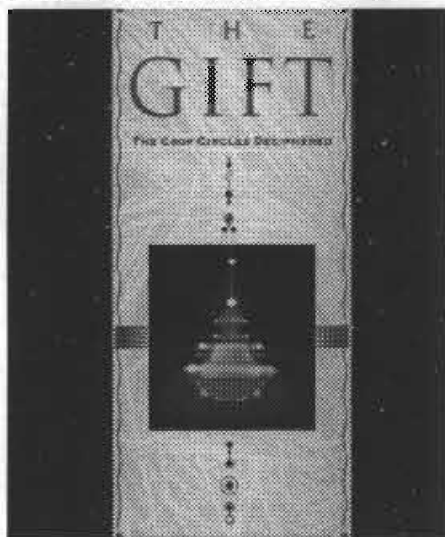
REVIEWS

BOOKS

THE GIFT: The Crop Circles Deciphered by Doug Ruby

Published by Blue Note (1995), USA
ISBN 1-878398-14-8 (180pp h/c)
Price: USD\$32.95 in USA; USD\$36.95 outside USA; STG£24.50 inc. p&h in UK
Available: **USA**—Blue Note Publications, Inc., 110 Polk Ave, Suite 3, Cape Canaveral, FL 32920, ph (407) 799 2583, 1-800-624 0401, fax (407) 799 1942, www.in-touch.net/cropcircle; New Leaf Distributing Co., 401 Thornton Rd, Lithia Springs, Georgia 30057-1557, USA, ph (770) 948 7845, 1-800 326 2665, fax (770) 944 2313; **UK**—NEXUS Office, ph 01342 322854, fax 01342 324574.

An unexpected, imaginative and possibly plausible solution to the crop circle enigma comes from an unlikely source—someone who has never seen one of these mysterious formations first-hand. Author Doug Ruby, a former US Air Force pilot and a commercial pilot for over 24 years, never took much interest in the phenomenon until a book about crop circles fell off a shelf onto his forehead! That 'accident' started him on a path that he could never have foreseen.



Applying logic, and guided by intuition, Doug Ruby deduced that these 2D patterns are meant to be understood in three dimensions, so he set about making the simplest design in segments and assembling it. When, unthinkingly, he spun the model, a totally different picture emerged. He then incorporated a central shaft mechanism so his 3D models could be spun electrically. Next, he recruited a woodworker to help him systematically construct and spin-test models based on a variety of crop circle designs.

The Gift is the brilliant photographic record of this project. It is highlighted with gener-

ous use of crop circle diagrams and Ruby's account of his methodologies and discoveries along the way.

Ruby concludes that the crop circles are in fact complex blueprints for how to design and construct a flying disc, complete with propulsion system! He therefore strongly encourages anti-gravity/free-energy researchers and particle physicists to explore this further as he firmly believes the pictograms' creators want all of humanity to have access to this information.

THE SECRET OF HEALING: The Healing Powers of Ze'ev Kolman

by Hans Holzer, Ph.D.

Published by Beyond Words Publishing, Inc. (1996), USA

ISBN 1-885223-20-X (203pp h/c)

Price: AUD\$39.95; NZD\$47.95;

STG£17.99; USD\$21.95

Available: **Aust**—Dist. by Specialist Publications, ph (02) 736 2191; **NZ**—Dist. by Peaceful Living Publications, ph (07) 571 8105; **UK**—Dist by Deep Books, ph 0171 232 2747; **USA**—Publishers Group West, ph (510) 658 3453.

An incredible thing happened to Ze'ev Kolman when, in 1974 at the age of 36, he was stationed with the Israeli Army Reserve in the Sinai Desert. There, atop a mountain, he had an amazing encounter with a group of 11 extraterrestrial humanoids. He claims that his body was enveloped by a dense fog and he underwent a process of absorbing intense levels of energy.

Kolman soon discovered that his five-hour missing-time experience had left him with a very special bioenergetic healing ability. Before long, this ordinary businessman's life circumstances had changed drastically. He learnt to control the bioenergetic forces working through him and was soon applying his newfound abilities to full-time healing.

Kolman channels healing power through his hands and is often directed in his healing sessions by higher spirit guides who are visible to him and others on occasion. He is able to see and diagnose a patient's auric field, repair it and re-energise it, and release trapped toxins. He can even heal remotely.

Such powers are not unique in talented healers but, in the opinion of author Hans Holzer, a veteran paranormal researcher, Ze'ev Kolman is the greatest healer since Edgar Cayce in terms of the power he can muster through his hands.

This book is brimming with documented cases of miraculous, often instantaneous cures that defy an orthodox medical science unused to dealing with bioenergetic concepts. And yet, as Ze'ev Kolman describes, these concepts can be applied for self-healing by anyone with the right mindfulness.

REVIEWS



BOOKS

THE FOOD THAT WOULD LAST FOREVER: Understanding the Dangers of Food Irradiation

by Dr Gary Gibbs

Published by Avery Publishing Group Inc. (1993), USA

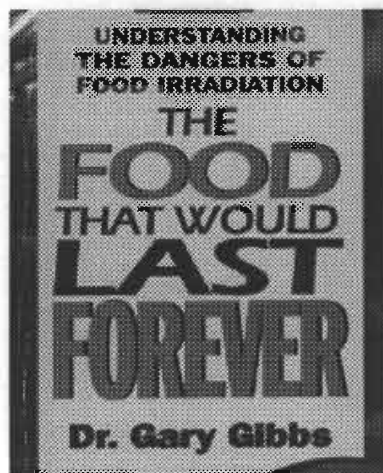
ISBN 0-89529-547-4 (191pp s/c)

Price: USD\$9.95; CAN\$14.95; overseas orders phone/fax for postage quote

Available: USA—Avery Publishing Group, Garden City Park, NY, ph (516) 741 2155, 1-800 548 5757, fax (516) 742 1892.

The growing global trend towards food irradiation for the sake of extending shelf-life may actually result in the shortening of *human* life. If we consumers were more aware of the inherent dangers in irradiation we would demand an end to it, but with no labelling requirements we don't even know what we're buying. This book explains the con deal behind what we've *really* been sold.

As New York-based author Dr Gary Gibbs points out, food irradiation is an industry-led push foisted upon an unsuspecting, apathetic public. Gibbs has spent years as an activist and health practitioner, investigating the scientific, technical and medical evidence against irradiation, as well as the politics and money behind the push, especially in the US.



Dr Gibbs explains that people who eat irradiated food are indirectly exposed to radiation. Food molecules undergo molecular changes, making them radiomimetic, i.e., their effects mimic those of *actual* exposure to ionising radiation. The free radical ions emitted create new chemicals in the food, such as formaldehyde and benzene, known to cause mutations and to be carcinogenic.

Disturbing side-effects from eating irradiated food have been well-documented—chromosomal damage, birth defects, heart and

kidney damage and cancer—yet the US Food & Drug Administration chooses to ignore these and relaxes its regulatory requirements so new products can regularly be included.

The FDA first approved irradiation in 1963 for insect-control in wheat flour, and stepped up its approvals—and propaganda—in the mid-80s after it banned a post-harvest fumigant, ethylene dibromide. In 1983 the process was approved for seeds and spices and in 1986 for fresh fruit and vegetables.

Amazingly, a number of non-food products are also irradiated, e.g., medical equipment, bandages, lubricating jelly, talc and even tampons! Haven't we been tampered with enough without this added irradiation threat?

HELP YOUR CHILD TO PERFECT EYESIGHT WITHOUT GLASSES

by Janet Goodrich

Published by Sally Milner Publishing Pty Ltd (1996), Australia

ISBN 1-86351-194-6 (262pp s/c)

Price: AUD\$35.00; NZD\$39.95; o/s orders phone/fax for p&h quote

Available: **Australia**—Sally Milner Publishing Pty Ltd, RMB 54, Burra Rd, Burra Creek, NSW 2620, ph +61 (0)6 236 3412, fax +61 (0)6 236 3446; **NZ**—Dist. by Transworld, Auckland, ph (09) 415 6210.

No longer need parents despair when they discover their child has impaired vision. Janet Goodrich, Ph.D., in her latest book, outlines a variety of techniques which can assist children correct their vision, whether their problem be long- or short-sightedness, astigmatism and more, and enable them to throw away their glasses for good.

Goodrich's emphasis is on learning new vision-improvement techniques through practical fun-and-games. Her approach is a mixture of enlightened ophthalmology and inspired behaviourism and her techniques are all scientifically-based. The vision games and songs are fun; they help reinforce good visual habits and assist the development of the child as a whole. They can be undertaken with family involvement, and more confident children can pace their own learning. The techniques also have benefits for adults with vision difficulties and are established according to tried-and-tested principles.

Dr Goodrich has helped thousands of people improve their vision and see clearly without glasses. Indeed, in her late 20s she developed a unique repertoire of exercises and succeeded in combating her own poor eyesight. She's since gone on to teach these techniques around the world, and her first book, *Natural Vision Improvement*, was a best-seller. This latest book is making inroads for the possibilities it offers children in reversing visual problems early in life.



REVIEWS

BOOKS

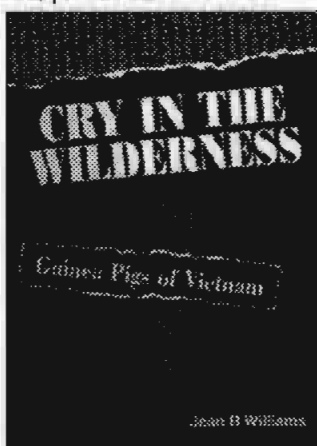
CRY IN THE WILDERNESS: Guinea Pigs of Vietnam

by Jean R. Williams

Published by Homecoming Publications (1995, revised 1996), Qld, Australia
ISBN 0-9495255-24-3 (263pp s/c)

Price: AUD\$25.00 + AUD\$4.00 express post in Aust; NZ airmail add AUD\$6.00; airmail elsewhere, add AUD\$10.00

Available: **Australia**—Homecoming Publicns, 186 Coes Creek Rd, Nambour, Qld 4560, ph +61 (0)74 41 1753.



Australian Jean Williams was a vociferous peace activist marching against the Vietnam War at the same time that her son Wayne was a conscripted infantry medic serving in Vietnam in a region heavily subjected to Agent Orange under *Operation Ranch Hand*. Her son is suffering from afflictions similar to those plaguing a large proportion of Vietnam vets exposed to this and over two dozen other chemical agents whose side-effects were either barely known or ignored.

For veterans who have managed to survive into middle age, the effects of these cocktails of chemicals, herbicides and pesticides have been showing up dramatically in recent years. Vets are battling cancer, liver damage, heart disease, skin conditions and a host of ailments aside from depression, alcoholism and drug addiction. Some of their children have been born with birth defects at higher than the national average rate, so the future doesn't augur too well for the next generation.

Ever the activist, Jean Williams has spent years trying to uncover the truth about Vietnam's other horrors and has kept in contact with many returned soldiers who are keen to have their stories told. *Cry in the Wilderness* is the result. As well as recounting a potted history of Australia's questionable involvement in Vietnam, it is a moving

account of many personal tragedies.

Jean Williams has aptly subtitled her book "Guinea Pigs of Vietnam" because servicemen were undoubtedly experimented on. Vietnam was an undeclared chemical warfare zone and its legacy has largely been ignored by the military, governments and the legal system. Other researchers and activists need to take up Jean's work for the sake of these veterans and, indeed, all of us who are unwittingly exposed to substances alien to our metabolisms and environment.

VIDEOS

Reviewed by Duncan Roads

VOYAGERS OF THE SIXTH SUN:

UFOs and the Destiny of Mexico

Produced by Genesis III Productions (1996), Munds Park, AZ, USA

Price: AUD\$49.95; NZD\$65.00 + p&h; STG£23.00; NFL\$55.00; USD\$37.00

(60mins, PAL/VHS [NTSC/VHS in USA])

Available: **Australia**—NEXUS Magazine, PO Box 30, Mapleton, Qld, 4560, ph (074) 42 9280, fax (074) 42 9381; **NZ**—NEXUS Office, PO Box 34735, Birkenhead, Auckland, ph (09) 416 7320, fax (09) 416 7340; **UK**—NEXUS Office, 55 Queens Rd, East Grinstead, W. Sussex, RH19 1BG, ph 01342 322854, fax 01342 324574;

Europe—NEXUS Office, PO Box 372, 8250 AJ Dronten, The Netherlands, ph +31 0321 380558 fax 0321 318892; **USA**—NEXUS Office, PO Box 177, Kempton, IL 60946-0177, ph (815) 253 6464, fax (815) 253 6300.

Those pesky UFOs just won't leave Mexico alone! This is the third video documentary compiled by Genesis III Productions on the subject of UFOs over Mexico.

Readers may recall that the solar eclipse over Mexico City in 1991 marked the fulfilment of the Era of the Sixth Sun prophecy. Thousands of people watched a strange craft hovering over their city during the eclipse. Since that day, thousands of people have 'captured' the regular UFO visitors on home video, and hundreds of thousands more have just watched in awe.

Voyagers of the Sixth Sun presents some of these submissions from the general public and the local TV networks, as well as interviews with local administrative and civil aviation officials.

Indeed, these UFOs have started to upset the regular flow of air traffic over Mexico City, as you will see on the video.

It is an amazing concept that, in this day and age, so many UFOs can visit the world's largest city so regularly and so openly, yet nothing is ever said about it in the rest of the world's media.

REVIEWS



VIDEOS

THE MYSTERIOUS ORIGINS OF MAN hosted by Charlton Heston

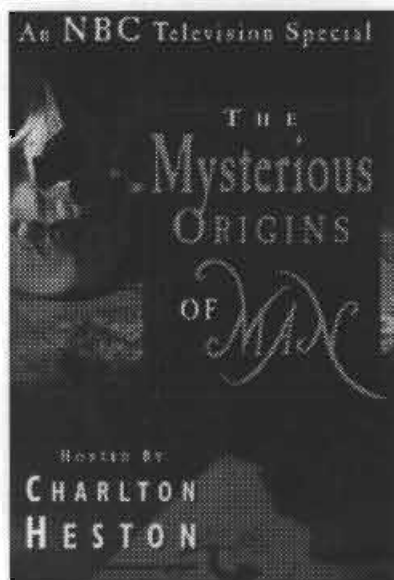
Produced by BC Video (1996), USA
Price: AUD\$45.00; NZD\$65.00 + p&h;
STG£21.00; NFL£55.00; USD\$35.95 + p&h
(inc. "Companion" video in USA) (46mins;
PAL/VHS [NTSC/VHS USA only])
Available: **Aust**—NEXUS Magazine, ph
(074) 42 9280, fax (074) 42 9381; **NZ**—
NEXUS Office, ph (09) 416 7320, fax (09)
416 7340; **UK**—NEXUS Office, ph 01342
322854, fax 01342 324574; **Europe**—
NEXUS Office, the Netherlands, ph +31
0321 380558, fax +31 0321 318892;
USA—Adventures Unlimited, ph (815) 253
6390, fax (815) 253 6300.

Shown across America as an NBC TV special, this documentary has generated much debate on the subject of Earth's ancient past.

The discovery of evidence pointing to the need for a rewrite of our past just keeps on mounting. Human footprints side by side with dinosaur footprints, man-made artefacts in layers of rock millions of years old, and more, all point to the concept that mankind is older than recognised and that advanced technology existed on Earth in eras past.

The video includes interviews with authors Graham Hancock (*Fingerprints of the Gods*), Robert Bauval (*The Orion Mystery*), Richard Milton (*Forbidden Science*) and Michael Cremo (*Forbidden Archeology*).

The theory of evolution, flaws with carbon-dating, and catastrophism versus gradualism are also discussed, as are ancient megalithic cities, Atlantis, mysterious maps and yet more strange artefacts. These out-of-place artefacts, or "Ooparts", need to be exposed and scientifically examined, not hidden. They may well hold the key to our future!



THE MYSTERIOUS ORIGINS OF MAN: COMPANION TAPE

Produced by BC Video (1996), USA
Price: AUD\$45.00; NZD\$65.00 + p&h;
STG£21.00; NFL£55.00; USD\$35.95 + p&h
(inc. "Origins" video in USA) (60mins,
PAL/VHS; NTSC/VHS USA only)
Available: **Aust**—NEXUS Magazine, ph
(074) 42 9280, fax (074) 42 9381; **NZ**—
NEXUS Office, ph (09) 416 7320, fax (09)
416 7340; **UK**—NEXUS Office, ph 01342
322854, fax 01342 324574; **Europe**—
NEXUS Office, The Netherlands, ph +31
0321 380558, fax 0321 318892; **USA**—
Adventures Unlimited, ph (815) 253 6390,
fax (815) 253 6300.

This is yet another hour of interviews, discussion and footage not used for the *Origins* TV special and is actually quite a comprehensive and succinct documentary. There is more depth to the subjects covered in the first video. For example, you learn in more detail how one scientist's career was ruined because she refused to hush up a find of artefacts that should not have been there.

This Companion tape has more detail on the flaws of the theory of evolution, Atlantis, catastrophism, human and dinosaur co-existence, ancient high-tech civilisations, carbon-dating techniques, pyramids and the Sphinx.

The video also features a fascinating interview with Linda Moulton Howe who contributes the alien-genetic-connection hypothesis as to man's ancient, mysterious origins.

SOFTWARE

NATURAL HEALTH & NUTRITION DATABANK

from Hyperhealth

Produced by In-Tele-Health (1995),
Victoria, Australia

Price: AUD\$69.95 inc. p&h in Aust;
NZD\$77.95 NZ airmail; STG£36.96 UK
airmail; USD\$49.95 US airmail;
CAN\$64.95 Canada airmail

Available: **Australia**—In-Tele-Health, 20
Napier St, Fitzroy, Vic. 3065, ph/fax +61
(0)3 9417 2567; e-mail: healthy@net-
space.net.au.

To run this CD, your computer will need to be an IBM-compatible PC, 386SX or higher, with at least 4 Mb of RAM. It will need Microsoft Windows Version 3.1 or higher.

Hyperhealth's author, Philip Burt, a Melbourne-based natural health researcher, has compiled a massive collection of nearly 20,000 scientific studies into the effectiveness of natural remedies under clearly-defined topics. Users can rapidly look up information on about 500 illnesses, 100 self-improvement techniques, 350 common foods, 150 herbs, and 700 health threats. A treasure trove for any researcher!



REVIEWS

AUDIO

Reviews by Richard Giles

DOORWAYS

by Ayman

Produced by Ayman for Real Music (1996), Sausalito, CA, USA

Price: AUD\$19.95, USD\$9.98 (cass.); AUD\$29.95, USD\$15.95 + \$2.50 p&h in US (CD) (52mins)

Available: **Australia**—New World Productions, ph (07) 3367 0788, fax (07) 3367 2441; **USA**—Real Music, ph (415) 331 8273, fax (415) 331 8278.

The magic carpet sails across the cover of Ayman's album, carrying the sound of his music through a doorway into another realm of enlightened delight. This about sums up my feelings after listening to its infectious, vibrant sound. Some sensitive guitar and exciting saxophone, together with Ayman's alive keyboard style, make *Doorways* pleasurable listening. I would count this among the best new albums I've heard this year. Excellent and exciting. A 'must' purchase.

HEAVEN & EARTH

by Jah Wobble

Produced by Jah Wobble for Island Records (1995), NY, USA

Price: AUD\$19.95, STG£ 5.80, USD\$10.00 (cass.); AUD\$29.95, STG£8.36, USD\$16.00 (CD) (59mins)

Available: **Aust**—Island Records, ph (02) 207 0500; **UK**—Polygram/Island Records, ph 0181 910 3333; **USA**—Island Records, ph (212) 603 3947.

Jah Wobble is a musician who has sampled across the scene of European music in the last 20 years. He drove some crazy directions in punk, experimented with Stockhausen and dabbled in Eastern-influenced music long before it became fashionable. Described as "knocking on the gates of heaven" with his music, Jah has opened them with this album. It ranges from the aching vocals of Natacha Atlas in "A Love Song", to the quirky percussion of "Divine Mother", Indian tablas and chants of "Om Namah Shiva", and the glorious sax of "Gone to Croatan". Not an album for the faint-hearted, it's exceptional, maverick stuff.

OTWAY SPIRIT

by Simon Lewis

Produced by Simon Lewis for Terra Australia (1995), NSW, Australia

Price: AUD\$19.95 (cass.), AUD\$29.95 (CD) + overseas p&h (61mins)

Available: **Aust**—Movieplay Australia, ph +61 (0)2 9905 0199, fax 9905 6372.

Terra Australia Music is back with another six albums in a new series. Both music and cover artwork of the last collection was

absolutely top quality, and this series is just as inspiring. Simon Lewis is a special Australian drawn by the music of the coastlines of Victoria. In *Otway Spirit*, he manages to haunt the listener with sound of the seas, the storms and the vastness of our Southern Ocean. This album is one of the best of the new series. Soothingly oceanic, creative music.



CELTIC WOMAN: A Collection

Mastered by Mary Kettle of Trend Studios, Dublin, for Celtic Woman Records (1996)

Price: AUD\$19.95, STG£10.00 (cass.); AUD\$29.95, STG£14.00 (CD) (67mins)

Available: **Aust**—MRA Entertainment, ph (07) 3849 6020; **UK**—Grapevine/Polygram, ph 0171 470 2800.

An album that came together as a joint venture of seven record labels, *Celtic Woman* manages to capture the soul of female Celtic music, lifting from the spirited to the sublime. What can surpass the aching soul of Loreena McKennitt who is featured here, the traditional chorus of Rita Connolly or the sensitivity of Aine Furey? Offering almost 70 minutes of beautiful, modern, women's Celtic music with other names including Marian Bradfield, Melanie O'Reilly, Fiona Joyce and Maighread Ní Dhomhnaill, this is a collector's album. Highly recommended.

HEAVEN ON EARTH

by Ray Oliver

Produced by Ray Oliver for Crystal Productions (1995), Qld, Australia

Price: AUD\$18.00 (cass.), AUD\$27.00 (CD) + o/seas p&h (55mins)

Available: **Australia**—Crystal Productions, Beenleigh, Qld, ph +61 (0)7 3807 2907.

A locally produced Australian album of beautiful and creatively inspired music. Together, Ray Oliver and Anthony Branagan have come up with a wonderful piece of ambient flute and guitar music. Ray has received many awards for his music, and the track, "The Calling", won a 1995 Gold Coast music award. Lifts the hearts of listeners to new levels of perception. Recommended.



Continued from page 26

Johns Hopkins Private Obstetrics and Gynecology Clinic accumulated 40 years of research which was published in the *American Journal of Epidemiology* in 1981.²³ What they discovered was that, when the low-progesterone group was compared to the normal-progesterone group, the occurrence of breast cancer was 5.4 times greater in the women in the low-progesterone group. That is, the incidence of breast cancer in the low-progesterone group was over 80 per cent greater than in the normal-progesterone group.

When the study looked at the low-progesterone group for all types of cancer, they found that women in this group experienced a tenfold increase for all malignant cancers, compared to the normal-progesterone group. This would suggest that having a normal level of progesterone protected women from nine-tenths of all cancers that might otherwise have occurred.²⁴

It is interesting to note that the study disappeared into oblivion when there was no money available to pursue the obvious implications of a progesterone-deficiency role in cancer.

In a 1995 study published in the *Journal of Fertility and Sterility*, researchers did a double-blind randomised study examining the use of topical progesterone cream and/or topical oestrogen in regard to breast cell growth. The results showed that women using progesterone had dramatically reduced cell-multiplication rates compared to the women using either the placebo or oestrogen. The women using only oestrogen had significantly higher cell multiplication rates than any of the other groups. The women using a combination of progesterone and oestrogen were closer to the placebo group.²⁵

This exciting study provides some of the first direct evidence that oestradiol significantly increases breast cell growth, and that progesterone impressively decreases cell proliferation rates even when oestrogen is also supplemented.

At this point, it's important to explore the implications of the experimental drug Tamoxifen which is being prescribed to women with breast cancer. Since it is proposed to have anti-oestrogenic effects, it is used as a breast cancer treatment since it blocks the uptake of oestradiol and oestrone (the cell-proliferating oestrogens),

thereby protecting the breast tissue from the cancer-promoting oestrogens present in the body. A growing number of doctors insist that the same results can be achieved by giving natural progesterone.

Uterine cancer is one of the possible side-effects of Tamoxifen. One study showed that 27 per cent of women taking Tamoxifen showed hyperplastic (unfavourable new growth) changes in their wombs within 15 months.²⁶

Tamoxifen is carcinogenic and can cause an early menopause, osteoporosis, endometrial cancer, liver cancer and clotting disease. Taking 20 milligrams of Tamoxifen per day can increase the risk for developing endometrial cancer by up to five times. Clotting disorders are seven times more frequent. One study showed just a meagre 0.7 per cent benefit for women taking Tamoxifen preventively to reduce the risk of developing further tumours in the breast.²⁷

It is also interesting to note that menstruating women who have breast surgery carried out during the second half of their menstrual cycle—the luteal phase, when progesterone is high in order to balance oestrogens—survive far longer than do

Continued from page 69

women whose surgery is done early on in their cycle during the oestrogen-dominant follicular phase.²⁸

The only known cause of endometrial cancer is unopposed oestrogen. Here again, the culprits are oestradiol and oestrone. Oestrogen supplements given to post-menopausal women for five years increase the risk of endometrial cancer six-fold, and longer-term use increases it fifteenfold. In pre-menopausal women, endometrial cancer is extremely rare, except during the five to 10 years before menopause when oestrogen dominance is common.²⁹

Synthetic hormones are also linked to cervical cancer. The cells of the cervix are extremely hormone-sensitive. Levels of synthetic progestins, low enough not to alter the cells of the lining of the womb, have been shown to change the cells that line the cervix. Progestins dry up cervical secretions, and this may be part of the reason why cancer of the cervix develops quickly in the presence of cervical infections.³⁰

It was predicted in the 1960s that the Pill

would increase the chances of a woman developing a melanoma, the most lethal of all skin cancers. Hormones control the pigmentation of our skin, and melanoma cancer cells have oestrogen receptors which can make the growth of cancer more likely. Women taking HRT are at greater risk of developing melanomas than the average woman.³¹

Dr Lee strongly believes that because of its many benefits, its great safety, and particularly its ability to oppose the carcinogenic effects of oestrogens, natural progesterone deserves far more attention and application than it is generally given in the prevention and care of women's health problems today.

The long road we have been travelling over the past 35 years, that has encouraged and promoted the wide range of synthetic hormone products, is taking us to a deadly dead-end. The scare-tactic techniques and intimidation employed by doctors and pharmaceutical companies alike to use such products, often overriding a woman's better judgement, have pushed millions of women into using drugs that are unproven and unsafe. It is no surprise, therefore, that Dr Lee has issued an ominous warning when

he says, "We will soon regard making oestrogen the key ingredient in hormone replacement therapy as a major medical mistake."³²

Women must be able to make educated, informed choices about their bodies and their health treatment preferences. It's impossible to make important health decisions if fundamental facts are missing or misconstrued. It is also evident that the health care providers, whom we have come to rely upon, either have not received adequate, unbiased education themselves or have become imprisoned by their own arrogant and narrow-minded points of view.

It is really up to every woman to read, question, trust her natural instincts and learn about her own body. It is also essential that a woman honour her own cyclic nature and intuitive wisdom. It is a woman's right to choose with dignity the best approach to her own health care. ∞

Endnotes

1. Greer, Germaine, *The Change*, Hamish Hamilton, London, 1991.
2. Lee, John R., M.D., *What Your Doctor May Not Tell You About Menopause*, Warner Books, New York, 1996, pp. 67-68.
3. Op. cit., pp. 42-43.

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4. Kenton, Leslie, *Passage to Power*, Random House, London, 1995, p. 34.
5. Archer, John, *The Water You Drink: How Safe Is It?*, Pure Water Press, Australia, 1996, p. 34.
6. Kenton, Leslie, op. cit., p. 32.
7. Lee, John, op. cit., p. 50.
8. Op. cit., p. 56.
9. *Wheel of Hormones*, TV production with Lars Mortensen, TV2 Denmark, 1995.
10. Lee, John, op. cit., p. 44.
11. Archer, John, *Bad Medicine*, Simon & Schuster, Australia, 1995, p. 210.
12. Neil, Kate, *Balancing Hormones Naturally*, ION Press, London, 1994, p. 28.
13. Beckham, Nancy, *Menopause—A Positive Approach Using Natural Therapies*, Penguin Books, Australia, 1995, pp. 36-37.
14. Ibid., p. 36.
15. *British Medical Bulletin* (1992) 48:458-68.
16. Neil, Kate, op. cit., p. 46.
17. Lee, J. R., "Osteoporosis Reversal: The Role of Progesterone", *Intern. Clin. Nutr. Rev.* (1990) 10:384-391.
18. Lee, John R., M.D., *What Your Doctor May Not Tell You About Menopause*, p. 183.
19. Op. cit., p. 18.
20. Beckham, Nancy, *ibid.*, pp. 42-43.
21. Lee, John, op. cit., p. 197.
22. Op. cit., p. 207.
23. Ibid.
24. Op. cit., p. 208.
25. Chuang, King-Jen, M.D., T. Y. Tigris, Lee, M.D., Gustavo Linares-Cruz, M.D., Sabine Fournier, Ph.D., Bruno de Lignières, M.D., "Influences of percutaneous administration of estradiol and progesterone of human breast epithelial cell cycle *in vivo*", *Journal of Fertility and Sterility* 63:4 785-791, April 1995.
26. Beckham, Nancy, op. cit., p. 48.
27. Neil, Kate, op. cit., p. 40.
28. Kenton, Leslie, op. cit., p. 94.
29. Lee, John, op. cit., p. 220.
30. Neil, Kate, op. cit., p. 41.
31. Ibid.
32. *The Sunday Telegraph*, London, 12 May 1996.

About the Author:

Sherrill Sellman presently lives in Melbourne where she conducts a private psychotherapy practice, in addition to giving lectures, researching and writing about topics of interest and concern to her relating to women's health empowerment. She is a contributing writer to holistic publications in Australia, New Zealand, Canada and the United States.

For further information about natural progesterone, please send a self-addressed envelope to: Light Unlimited, Locked Bag 8000 - MDC, Kew, Victoria 3101, Australia; phone +61 (0)3 9810 9591; fax +61 (0)3 9855 9991; e-mail: golight@ozemail.com.au.

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After a certain period of months they all quit and left United Technologies. Well, José Giner, who was the head of fuel cells at United Technologies, quit also and went to set up his own firm, called Giner Incorporated, in Waltham, Massachusetts. Tony and all the GE people went with him.

By the time our material got there, they'd set up their own company in Waltham, so we contracted with them to build the fuel cells for us.

When our material was sent to them, the rhodium, as received, was analysed as not having any rhodium in it. Yet when they mounted it on carbon in their fuel-cell technology and ran the fuel cell for several weeks, it worked and it did what only rhodium would do—and it was carbon monoxide-stable.

After three weeks, they shut down the fuel cells, took out the electrodes and sent them back to the same place that said there was no rhodium in the original sample. Now there was over eight per cent rhodium in the original sample. What happened was, it had begun to nucleate on the carbon. It actually had begun to grow metal-metal

bonds! So now there was metallic rhodium showing on the carbon, where before there was no rhodium.

These GE people said, "Dave, if you are the first one to discover this, if you are the first one to explain how to make it in this form, if you are the first one to tell the world that it exists, then you can get a patent on this." I said, "I'm not interested in patenting this."

Then they told me that if someone else discovered it and patented it, even though I was using it every day, they could stop me from doing it. I said, "Well, maybe I should patent it."

So, in March of 1988, we filed US and worldwide patents on Orbitally Rearranged Monatomic Elements. Now that is a mouthful, so, to make it short, we called it ORMEs. You have ORME gold, ORME palladium, ORME iridium, ORME ruthenium, ORME osmium, or ORMEs.

When we were doing this patent procedure, the Patent Office said, "Dave, we need more precise data, we need more exact data, we need more information about this conversion to this white powder state." One of the problems we had was that when you make this white powder and

you bring it out into the atmosphere, it really starts gaining weight. I'm not talking about a little bit of weight; I'm talking about 20 to 30 per cent. Now that normally would be called absorption of atmospheric gases: the air is reacting with it and causing weight gain, but not 20 or 30 per cent.

But, nonetheless, we had to answer the Patent Office. We had to come up with exact data for the Patent Office.

So what we did was use this machine for thermogravimetric analysis. This is a machine that has total atmospheric control of the sample. You can oxidise it, hydro-reduce it and anneal it while continually weighing the sample under a controlled atmosphere. Everything is all sealed. We were getting short on funding and couldn't afford to buy one, so we leased one from the Bay Area from Varian Corporation. They sent it in to us and we set it up on computer controls.

We heated the material at 1.2 degrees per minute and cooled it at 2 degrees per minute. What we found was that when you oxidise the material, it weighs 102 per cent; when you hydro-reduce it, it weighs 103 per cent. So far, so good. No problem. But, when it turns snow-white, it weighs 56

per cent! Now that's impossible! When you anneal it and it turns white, it only weighs 56 per cent of the beginning weight! If you put that on a silica test boat and you weigh it, it weighs 56 per cent! If you heat it to the point that it fuses into the glass, it turns black and all the weight returns.

So the material hadn't volatilised away. It was still there. It just couldn't be weighed any more. That's when everybody said, "This just isn't right; it can't be!"

Do you know that when we heated it and cooled it, and heated it and cooled it, and heated it and cooled it under helium or argon, when we cooled it, it would weigh 300 to 400 per cent of its beginning weight; and, when we heated it, it would actually weigh less than nothing? If it wasn't in the pan, the pan would weigh more than the pan weighs when this stuff is in it!

Keep in mind, these are highly trained people running this instrumentation, and they would come in and say, "Take a look at this. This makes no sense at all!"

Now, this machine is so precisely designed and controlled that they have a magnetic material they can put into this machine that is non-magnetic when it goes

into the machine but at 300 degrees it becomes magnetic. It is in fact a strong magnet. Then, after you get up to 900 degrees, it loses its magnetism. You can actually see if the interaction of the magnetism with the magnetic field of the heating element causes any change in weight.

The heating element is bifilar-wound. It goes round and round the sample; then you reverse it and wind it right back up so all the current runs against itself all the time. So, when a wire flows electricity there is a magnetic field that forms around it, but when you run the wire right next to it, going in the other direction, it forms a magnetic field in the other direction. The idea is that the two fields will cancel. This is the kind of wiring that is used in a television to cancel all magnetic fields. The designers of this machine wanted to eliminate all magnetic field aspects to this.

When we put the magnetic material in the sample and ran it in the machine, there was no response at all. There was no change in weight when the material became magnetic or lost its magnetism. Yet when our material was put in there and it turned white, it went to 56 per cent of its beginning weight. If you shut off the

machine and let it cool, it was exactly 56 per cent. If you heated it, it would go less than nothing, and if you cooled it, it would go 300 to 400 per cent, but it always went back to a steady 56 per cent.

We contacted Varian in the Bay Area and said, "Look, this just doesn't make any sense. There's something wrong with this machine; something isn't right. Every time we use the machine it works fine unless we make the pure monatomic material, and, when we do, it turns snow-white and doesn't work correctly any more."

Varian looked over our results and said, "You know, Mr Hudson, if you were working with the cooling of the material we would say it is superconducting. But inasmuch as you are heating the material, we don't know what you've got."

I decided, well, I have had to learn chemistry and I've had to learn physics, and now I've got to learn the physics of superconductors. So I borrowed a bunch of graduate books on superconductivity and I began to read about superconductors.

Continued in the next issue of NEXUS...